DATE 05/04/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027790

APPLICANT B. TRENT GIEBEIG PHONE 386.397.0545

ADDRESS 697 SE HOLLY TERRACE LAKE CITY FL 32025

OWNER ALECIA L. CROFT PHONE 386.623.0276

ADDRESS 601 SW BRODERICK DRIVE LAKE CITY FL 32025

CONTRACTOR B. TRENT GIEBEIG PHONE 386.397.0545

LOCATION OF PROPERTY 47-S TO BRODERICK,TR 2ND FROM END ON R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 141500.00

HEATED FLOOR AREA 2044.00 TOTAL AREA 2830.00 HEIGHT 25.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 5'12 FLOOR CONC

LAND USE & ZONING RSF-1 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 18-4S-17-08466-109 SUBDIVISION SADDLE OF THE SOUTH ESTATES

LOT 9 BLOCK PHASE UNIT TOTAL ACRES 1.50

000001729 R282811523

Culvert Permit No. | Culvert Waiver | Contractor's License Number | Applicant/Owner/Contractor

WAIVER 09-0248 BLK WR N

Driveway Connection | Septic Tank Number | LU & Zoning checked by | Approved for Issuance | New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 4197

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by | Foundation _____ date/app. by | Monolithic _____ date/app. by

Under slab rough-in plumbing _____ date/app. by | Slab _____ date/app. by | Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by | Insulation _____ date/app. by

Rough-in plumbing above slab and below wood floor _____ date/app. by | Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by | Peri. beam (Lintel) _____ date/app. by | Pool _____ date/app. by

Permanent power _____ date/app. by | C.O. Final _____ date/app. by | Culvert _____ date/app. by

Pump pole _____ date/app. by | Utility Pole _____ date/app. by | M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Reconnection _____ date/app. by | RV _____ date/app. by | Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 710.00 CERTIFICATION FEE $ 14.15 SURCHARGE FEE $ 14.15

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 813.30

INSPECTORS OFFICE CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County Building Permit Application

For Office Use Only Application # 0904-45 Date Received 4/29 By JW Permit # 17291 / 17790

Zoning Official BLK Date 04.05.09 Flood Zone X BX Land Use RULD Zoning RSF-1

FEMA Map # N/A Elevation N/A MFE 18" above rd. River N/A Plans Examiner WR Date 5-4-09

Comments

NOC EH Deed or PA Site Plan State Road Info Parent Parcel #

Dev Permit # In Floodway Letter of Auth. from Contractor F W Comp. letter

IMPACT FEES: EMS Fire Corr Road/Code

School = TOTAL Ø SUSPENDED

Septic Permit No. -09-0248 Fax 754-9601

Name Authorized Person Signing Permit Trent Giebeig Phone 397-0545

Address 697 SE Holly Terrace, Lake City, FL 32025

Owners Name Alecia L Croft Phone 386-623-0276

911 Address 601 SW Broderick Drive Lake City, FL 32025

Contractors Name Trent Giebeig Construction Inc Phone 752-0791

Address 697 SE Holly Terrace Lake City FL 32025

Fee Simple Owner Name & Address Alecia L Croft 786 SE Peacock Terrace Lake City 32

Bonding Co. Name & Address Columbia Bank PO Box 1609 32056

Architect/Engineer Name & Address Martyl Humphries P.E. #51976 7932 240th St Obrien FL 32

Mortgage Lenders Name & Address Columbia Bank

Circle the correct power company – FL Power & Light – (Clay Elec.) – Suwannee Valley Elec. – Progress Energy

Property ID Number R-08466-109 (18-4S-17) Estimated Cost of Construction 175,000

Subdivision Name Saddle of the South Estates Lot 9 Block Unit Phase

Driving Directions South on State Road 47 Right on Brodrick

Job on right 2nd from end

Number of Existing Dwellings on Property -0-

Construction of Framer SFD Total Acreage 1.15 Lot Size 1.15

Do you need a - Culvert Permit or (Culvert Waiver) or Have an Existing Drive Total Building Height 25'

Actual Distance of Structure from Property Lines - Front 27 Side 523 Side 688 Rear 139.5

Number of Stories 1 Heated Floor Area 2044 Total Floor Area 2830 Roof Pitch 5 5:12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

Page 1 of 2 (Both Pages must be submitted together.) Revised 1-10-08

4197 & 4198 @ 50.00 - waiver

JW Called Trent on 5.4.09

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Alecia Croft
Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

Contractor's Signature (Permitee)

Contractor's License Number RR2828115 23
Columbia County Competency Card Number 000141

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 30 **day of** April **20**09

Personally known X **or Produced Identification** _____

Elaine K Tolar
State of Florida Notary Signature (For the Contractor)

SEAL:

ELAINE K. TOLAR
MY COMMISSION # DD 436381
EXPIRES: October 2, 2009
Bonded Thru Notary Public Underwriters

Page 2 of 2 (Both Pages must be submitted together.) **Revised 1-10-08**

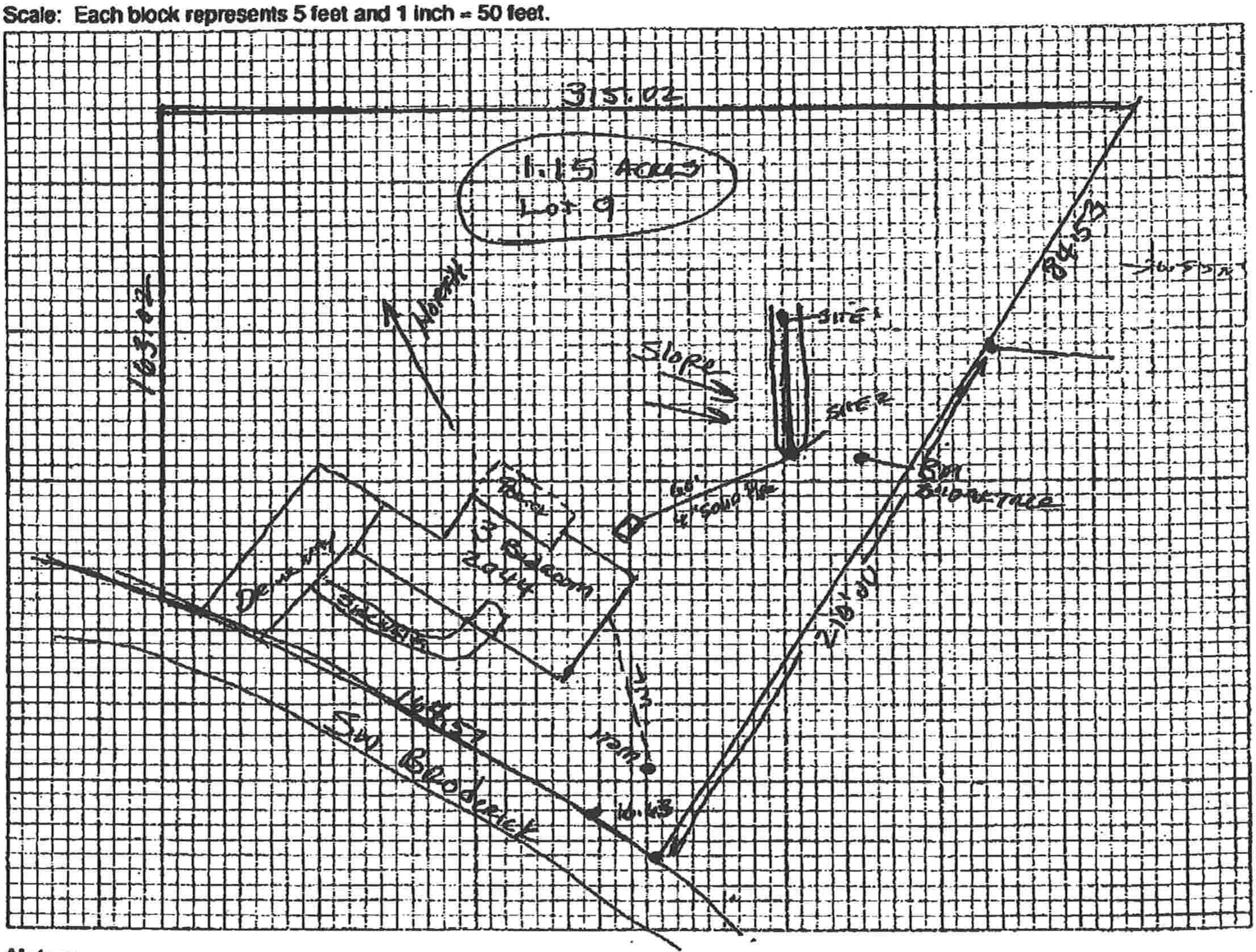
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 09-0248

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes:

Alecia L Croft (Trent Giebieg)

Lot 9 Saddle of the South

18-45-17-08466-109

Site Plan submitted by: Robert W. [signature] Signature Agent Title

Plan Approved ✓ Not Approved ______ Date 4-27-09

By [signature] Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)
(Stock Number: 5744-002-4015-6)

PREPARED BY AND RETURN TO:

TERRY McDAVID - 07-91
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2007006424 Date:03/20/2007 Time:16:05
Doc Stamp-Deed : 413.00
DC,P.DeWitt Cason,Columbia County B:1114 P:349

Property Appraiser's
Identification Number R-08466-109

WARRANTY DEED

This Warranty Deed, made this 19th day of March, 2007, BETWEEN DANIEL A. GONZALEZ and MANDI T. GONZALEZ, Husband and Wife whose post office address is 215 SW Broderick Drive, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantor*, and ALECIA L. CROFT, whose post office address is 786 SE Peacock Terrace, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantee*.

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars ($10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 9, Saddle of the South Estates, a subdivision according to the plat thereof as recorded in Plat Book 6, Page 64, public records, Columbia County, Florida.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

Inst:2007006424 Date:03/20/2007 Time:16:05
Doc Stamp-Deed : 413.00
DC,P.DeWitt Cason,Columbia County B:1114 P:350

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:

(Signature of First Witness)
TERRY McDAVID
(Typed Name of First Witness)

(Signature of Second Witness)
DAREN M. WRIGHT
(Typed Name of Second Witness)

DANIEL A.GONZALEZ (SEAL)

MANDI T. GONZALEZ (SEAL)

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 19th day of March, 2007, by DANIEL A. GONZALEZ and MANDI T. GONZALEZ, Husband and Wife who is/are personally known to me or who has/have produced _____ as identification and who did not take an oath.

My Commission Expires:

Notary Public
Printed, typed, or stamped name:

TERRY MCDAVID
MY COMMISSION # DD 600768
EXPIRES: January 16, 2010
Bonded Thru Notary Public Underwriters

Water Wells
Pumps & Service

Phone: (386) 752-6677
Fax: (386) 752-1477

Lynch Well Drilling, Inc.
173 SW Young Place
Lake City, FL 32025
www.lynchwelldrilling.com

November 6, 2007

To Whom It May Concern:

As required by building code regulations for Columbia County in order that a building permit can be issued, the following well information is provided with regard to the above-referenced well:

Size of Pump Motor:	1 Horse Power
Size of Pressure Tank:	81-Gallon Bladder Tank
Cycle Stop Valve Used:	No

Should you require any additional information, please contact us.

Sincerely,

Linda Newcomb

Linda Newcomb
Lynch Well Drilling, Inc.

Columbia County Property Appraiser

DB Last Updated: 4/27/2009

2009 Preliminary Values

Tax Record | Property Card | Interactive GIS Map | Print

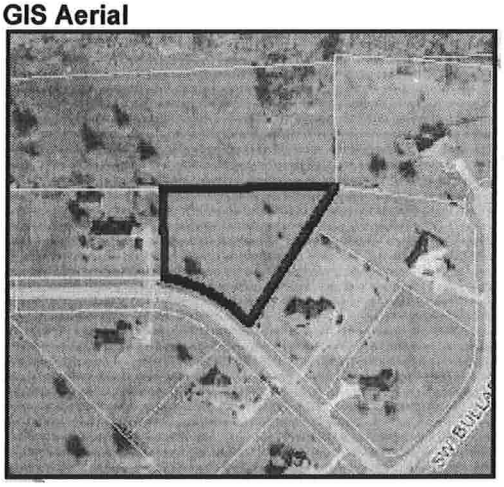
Parcel: 18-4S-17-08466-109

Search Result: 1 of 1

Owner & Property Info

Owner's Name	CROFT ALECIA L		
Site Address	SADDLE OF THE		
Mailing Address	786 SE PEACOCK TERR LAKE CITY, FL 32025		
Use Desc. (code)	VACANT (000000)		
Neighborhood	018417.01	**Tax District**	2
UD Codes	MKTA06	**Market Area**	06
Total Land Area	0.000 ACRES		
Description	LOT 9 SADDLE OF THE SOUTH ESTATES S/D. ORB 751-2137, 780-018, WD 997-1672. WD 1064-471, WD 1114-349.		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	$40,500.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$40,500.00

Just Value	$40,500.00
Class Value	$0.00
Assessed Value	$40,500.00
Exemptions	$0.00
Total Taxable Value	County: $40,500.00 | City: $40,500.00 Other: $40,500.00 | School: $40,500.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
3/19/2007	1114/349	WD	V	Q		$59,000.00
10/31/2005	1064/471	WD	V	Q		$39,500.00
9/26/2003	997/1672	WD	V	Q		$18,000.00
3/29/1993	780/18	WD	V	U	12	$0.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	0000001.000 LT - (0000000.000AC)	1.00/1.00/1.50/1.00	$40,500.00	$40,500.00

FORM 1100A-08

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name:	Croft Residence	Builder Name:	Trent Geibeig
Street:	601 SW Broderick	Permit Office:	
City, State, Zip:	Lake city , FL , 32025-	Permit Number:	27790
Owner:		Jurisdiction:	221000
Design Location:	FL, Gainesville		

1. New construction or existing	New (From Plans)
2. Single family or multiple family	Single-family
3. Number of units, if multiple family	1
4. Number of Bedrooms	3
5. Is this a worst case?	Yes
6. Conditioned floor area (ft²)	2044

7. Windows	Description	Area
a. U-Factor: SHGC:	Dbl, U=0.55 SHGC=0.60	126.00 ft²
b. U-Factor: SHGC:	Dbl, U=0.80 SHGC=0.70	124.00 ft²
c. U-Factor: SHGC:	N/A	ft²
d. U-Factor: SHGC:	N/A	ft²
e. U-Factor: SHGC:	N/A	ft²

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	2044.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1941.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2044.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 408.8 ft²

12. Cooling systems
a. Central Unit — Cap: 36 kBtu/hr SEER: 14

13. Heating systems
a. Electric Heat Pump — Cap: 36 kBtu/hr HSPF: 7.7

14. Hot water systems
a. Electric — Cap: 40 gallons EF: 0.92
b. Conservation features None

15. Credits — Pstat

Glass/Floor Area: 0.122

Total As-Built Modified Loads: 34.23
Total Baseline Loads: 42.55

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: Gabriel Mateo
DATE: 4-2-09

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____
DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____
DATE: _____

- **Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with N1110.A.3.**

PROJECT

Title:	Croft Residence	Bedrooms:	3	Adress Type:	Street Address
Building Type:	FLAsBuilt	Bathrooms:	0	Lot #	
Owner:		Conditioned Area:	2044	SubDivision:	
# of Units:	1	Total Stories:	1	PlatBook:	
Builder Name:	Trent Geibeig	Worst Case:	Yes	Street:	601 SW Broderick
Permit Office:		Rotate Angle:	90	County:	Columbia
Jurisdiction:		Cross Ventilation:		City, State, Zip:	Lake city , FL , 32025-
Family Type:	Single-family	Whole House Fan:			
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

√	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

FLOORS

√	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	241 ft	0	2044 ft²	0.2	0.2	0.6

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Hip	Composition shingles	2214 ft²	0 ft²	Medium	0.96	No	0	22.6 deg

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	2044 ft²	Y	N

CEILING

√	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	2044 ft²	0.11	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Frame - Wood	13	708 ft²		0.23	0.75
_____	2	S	Exterior	Frame - Wood	13	513 ft²		0.23	0.75
_____	3	E	Exterior	Frame - Wood	13	369 ft²		0.23	0.75
_____	4	W	Exterior	Frame - Wood	13	351 ft²		0.23	0.75

DOORS

√	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	N	Insulated	None	0.46	20 ft²
_____	2	S	Insulated	None	0.46	40 ft²

WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

√	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
_____	1	N	Metal	Low-E Double	Yes	0.55	0.6	N	126 ft²	1 ft 6 in	1 ft 5 in	HERS 2006	None
_____	2	S	Metal	Low-E Double	Yes	0.8	0.7	N	20 ft²	1 ft 6 in	1 ft 5 in	HERS 2006	None
_____	3	S	Metal	Low-E Double	Yes	0.8	0.7	N	12 ft²	1 ft 6 in	1 ft 5 in	HERS 2006	None
_____	4	S	Metal	Low-E Double	Yes	0.8	0.7	N	20 ft²	8 ft 0 in	1 ft 5 in	HERS 2006	None
_____	5	S	Metal	Low-E Double	Yes	0.8	0.7	N	12 ft²	8 ft 0 in	1 ft 5 in	HERS 2006	None
_____	6	W	Metal	Low-E Double	Yes	0.8	0.7	N	60 ft²	1 ft 6 in	1 ft 5 in	HERS 2006	None

INFILTRATION & VENTING

√	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ---- Supply CFM	Exhaust CFM	Run Time Fraction	Fan Watts
_____	Default	0.00036	1930	6.30	106.0	199.3	0 cfm	0 cfm	0	0

GARAGE

√	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
_____	1	470.8 ft²	470.8 ft²	64 ft	9.6 ft	11

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
_____	1	Central Unit	None	SEER: 14	36 kBtu/hr	1080 cfm	0.75	False

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Ductless
_____	1	Electric Heat Pump	None	HSPF: 7.7	36 kBtu/hr	False

HOT WATER SYSTEM

√	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.92	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

√	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____	None	None			ft²		

DUCTS

✓	#	---- Supply ---- Location	R-Value	Area	---- Return ---- Location	Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
_____	1	Attic	6	408.8 ft	Attic	102.2 ft	Default Leakage	Interior				

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

Cooling	[X] Jan	[X] Feb	[X] Mar	[X] Apr	[X] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[X] Oct	[X] Nov	[X] Dec
Heating	[X] Jan	[X] Feb	[X] Mar	[X] Apr	[X] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[X] Oct	[X] Nov	[X] Dec
Venting	[X] Jan	[X] Feb	[X] Mar	[X] Apr	[X] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[X] Oct	[X] Nov	[X] Dec

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

FORM 1100A-08

Code Compliance Cheklist

Residential Whole Building Performance Method A - Details

ADDRESS: 601 SW Broderick
Lake city, FL, 32025-

PERMIT #:

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	N1106.AB.1.2.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	N1106.AB.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 80

The lower the EnergyPerformance Index, the more efficient the home.

1. New construction or existing		New (From Plans)
2. Single family or multiple family		Single-family
3. Number of units, if multiple family		1
4. Number of Bedrooms		3
5. Is this a worst case?		Yes
6. Conditioned floor area (ft²)		2044
7. Windows**	Description	Area
a. U-Factor: SHGC:	Dbl, U=0.55 SHGC=0.60	126.00 ft²
b. U-Factor: SHGC:	Dbl, U=0.80 SHGC=0.70	124.00 ft²
c. U-Factor: SHGC:	N/A	ft²
d. U-Factor: SHGC:	N/A	ft²
e. U-Factor: SHGC:	N/A	ft²

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	2044.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1941.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2044.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 408.8 ft²

12. Cooling systems
a. Central Unit — Cap: 36 kBtu/hr SEER: 14

13. Heating systems
a. Electric Heat Pump — Cap: 36 kBtu/hr HSPF: 7.7

14. Hot water systems
a. Electric — Cap: 40 gallons EF: 0.92
b. Conservation features
None

15. Credits — Pstat

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

*Note: The home's estimated Energy Performance Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at (321) 638-1492 or see the Energy Gauge web site at energygauge.com for information and a list of certified Raters. For information about Florida's Energy Efficiency Code for Building Construction, contact the Department of Community Affairs at (850) 487-1824.

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

PRODUCT APPROVAL SPECIFICATION SHEET

Location: Lake City 601 SW Broderick **Project Name:** Croft

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project fo which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local produ supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s
A. EXTERIOR DOORS	Johnson		FL 4242-R1
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung	Alenco	FL 9987-R1	
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			FL 889-R6
2. Soffits			FL 4899
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	EIK		FL 586-R2
2. Underlayments			FL 1814-R1
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Numbe
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at th time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was test and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during insp

Contractor or Contractor's Authorized Agent Signature

Trent Giebeig
Print Name

4-28-0
Date

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIRMENTS

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) **SHALL BE USED.**

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL			Items to Include- Each Box shall be Circled as Applicable		
				Yes	No	N/A
1	Two (2) complete sets of plans containing the following:			✓		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void			✓		
3	Condition space (Sq. Ft.) 2044		Total (Sq. Ft.) under roof 2830	IIIIIIII	IIIIIIII	IIIII

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	✓		
5	Dimensions of all building set backs	✓		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	✓		
7	Provide a full legal description of property.	✓		

Wind-load Engineering Summary, calculations and any details required

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIIIII YES	IIIII NO	IIIIII N/A
9	Basic wind speed (3-second gust), miles per hour	/		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	/		
11	Wind importance factor and nature of occupancy	/		
12	The applicable internal pressure coefficient, Components and Cladding	/		
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	/		

Elevations Drawing including:

14	All side views of the structure	/		
15	Roof pitch	/		
16	Overhang dimensions and detail with attic ventilation	/		
17	Location, size and height above roof of chimneys	—	—	—
18	Location and size of skylights with Florida Product Approval	—	—	—
18	Number of stories	/		
20A	Building height from the established grade to the roofs highest peak	/		

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	/		
21	Raised floor surfaces located more than 30 inches above the floor or grade	/		
22	All exterior and interior shear walls indicated	/		
23	Shear wall opening shown (Windows, Doors and Garage doors)	/		
24	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)	/		
25	Safety glazing of glass where needed	/		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)	/		
27	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)	—	—	—
28	Identify accessibility of bathroom (see FBCR SECTION 322)	/		

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the pl (see Florida product approval form)

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	✓		
30	All posts and/or column footing including size and reinforcing	✓		
31	Any special support required by soil analysis such as piling.		✓	
32	Assumed load-bearing valve of soil 1500 Pound Per Square Foot	✓		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)	✓		

FBCR 506: CONCRETE SLAB ON GRADE

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	✓		
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	✓		

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. **Protection shall be provided by registered termiticides**	✓		

FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type	✓		
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement			

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer o Architect

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers			
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers			
42	Attachment of joist to girder			
43	Wind load requirements where applicable			
44	Show required under-floor crawl space			
45	Show required amount of ventilation opening for under-floor spaces			
46	Show required covering of ventilation opening			
47	Show the required access opening to access to under-floor spaces			
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &			

48	intermediate of the areas structural panel sheathing			
49	Show Draftstopping, Fire caulking and Fire blocking			
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			
51	Provide live and dead load rating of floor framing systems (psf).			

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls			
53	Fastener schedule for structural members.per table FBCR 602.3 are to be shown			
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing			
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems			
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)			
57	Indicate where pressure treated wood will be placed			
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas			
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail			

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses			
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer			
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters			
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details			
64	Provide dead load rating of trusses			

FBCR 802:Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing			
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating			
67	Valley framing and support details			
68	Provide dead load rating of rafter system			

FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness			
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas			

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assembles covering			
72	Submit Florida Product Approval numbers for each component of the roof assembles covering			

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter11 Residential buildings compliance methods. *Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area*

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	/		
74	Attic space	/		
75	Exterior wall cavity	/		
76	Crawl space	~~/~~		

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	/		
78	Exhaust fans locations in bathrooms	//		
79	Show clothes dryer route and total run of exhaust duct	//		

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	/		
81	Show the location of water heater	/		

Private Potable Water

82	Pump motor horse power	/		
83	Reservoir pressure tank gallon capacity	/		
84	Rating of cycle stop valve if used	/		

Electrical layout shown including

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	/		
86	Ceiling fans	/		
87	Smoke detectors & Carbon dioxide detectors	/		
88	Service panel, sub-panel, location(s) and total ampere ratings	/		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.	/		

90	Appliances and HVAC equipment and disconnects	✓		
91	Arc Fault Circuits (AFCI) in bedrooms	✓		

Disclosure Statement for Owner Builders *If you as the applicant will be acting as an owner builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	**Building Permit Application** A current Building Permit Application form is to be completed and submitted for all residential projects	✓		
93	**Parcel Number** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	✓		
94	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058			
95	**City of Lake City** A permit showing an approved waste water sewer tap			
96	**Toilet facilities shall be provided for all construction sites**	✓		
97	**Town of Fort White** (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			
98	**Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			
100	A development permit will also be required. Development permit cost is **$50.00**			
101	**Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.	waiver		
102	**911 Address:** If the project is located in an area where a 911 address has not been issued, then application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	✓		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days af the date of filing, unless such application has been pursued in good faith or a permit has been issued; exc that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 worki days of application therefor unless unusual circumstances require a longer time for processing the applic or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuan a permit prevent the building official from thereafter requiring a correction of errors in plans, construct or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit becam and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in ef at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date if issuance of the new permit.

Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the submitted application is approved for permitting the applic will be notified by phone as to the date and time a building permit will prepared and issued by the Columbia County Building & Zoning Department

Builders FirstSource

HLAKMF

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

1109 COASTAL BAY
BOYNTON BCH,FL.33435
ELLECTRONICALLY SEAL
IN ACCORDANCE TO
SS.668.001-668.006

Project Information:

Builder: Giebeig Homes
Model: custom
Builders FirstSource Job #: 302306
Street: 601 SW Broderick
City: Lake City
County: Columbia
Building Code: FBC2007/TPI2002
Computer Program Used: MiTek 7.1.1

Builders FirstSource
2525 E. Duval St.
Lake City, FL 32055

Truss Design Information:

Gravity Loads
Roof: 32 psf Total
Floor: 55 psf Total

Wind
Wind Standard: ASCE 7-05
Wind Speed: 110 mph
Mean Roof Ht: 18 ft
Exposure: C

Note: Refer to individual truss design drawings for special loading conditions, design criteria, truss geometry, lumber, and plate information.

Design Professional Information:

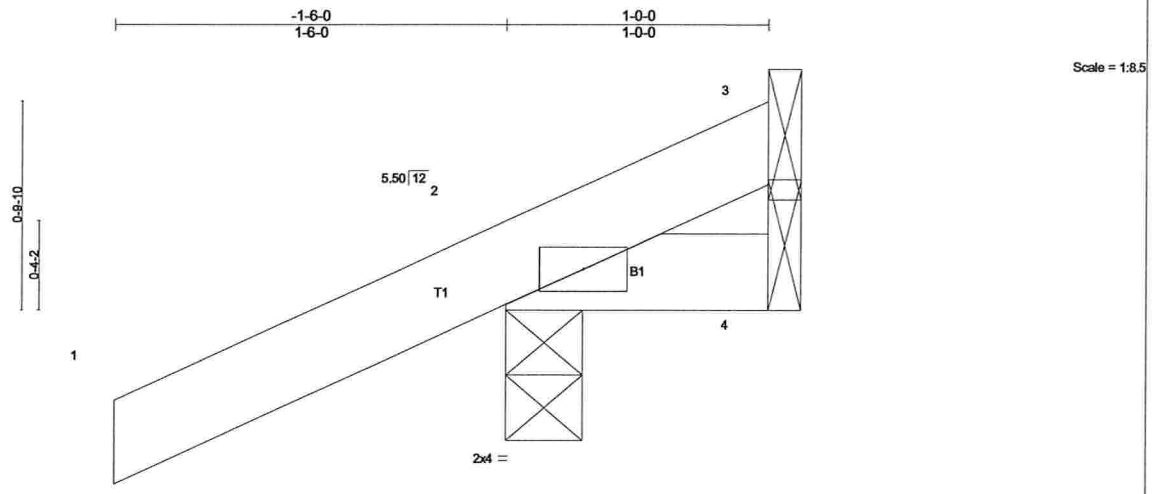
Design Professional Of Record: Brian T. Giebeig
License # : RR282811523
Delegated Truss Engineer: Julius Lee
License # : 34869

This truss specification package consists of this index sheet and 34 truss design drawings. This signed and sealed index sheet indicates acceptance of my professional engineering responsibility solely for listed truss design drawings. The suitability and use of each truss component for any particular building is the responsibility of the building designer per TPI.

Truss #	Truss Label	Drawing #	Seal Date	Truss #	Truss Label	Drawing #	Seal Date	Truss #	Truss Label	Drawing #	Seal Date
1	CJ1	302306001	4/3/2009	31	T21	302306031	4/3/2009				
2	CJ1A	302306002	4/3/2009	32	T22	302306032	4/3/2009				
3	CJ3	302306003	4/3/2009	33	T23	302306033	4/3/2009				
4	CJ3A	302306004	4/3/2009	34	T24	302306034	4/3/2009				
5	CJ5	302306005	4/3/2009								
6	EJ5	302306006	4/3/2009								
7	EJ7	302306007	4/3/2009								
8	EJ7A	302306008	4/3/2009								
9	HJ7	302306009	4/3/2009								
10	HJ9	302306010	4/3/2009								
11	T01	302306011	4/3/2009								
12	T02	302306012	4/3/2009								
13	T03	302306013	4/3/2009								
14	T04	302306014	4/3/2009								
15	T05	302306015	4/3/2009								
16	T06	302306016	4/3/2009								
17	T07	302306017	4/3/2009								
18	T08	302306018	4/3/2009								
19	T09	302306019	4/3/2009								
20	T10	302306020	4/3/2009								
21	T11	302306021	4/3/2009								
22	T12	302306022	4/3/2009								
23	T13	302306023	4/3/2009								
24	T14	302306024	4/3/2009								
25	T15	302306025	4/3/2009								
26	T16	302306026	4/3/2009								
27	T17	302306027	4/3/2009								
28	T18	302306028	4/3/2009								
29	T19	302306029	4/3/2009								
30	T20	302306030	4/3/2009								

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	CJ1	JACK	12	1	302306001
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:30 2009 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.19	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.00	2	>999	240	Weight: 6 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=179/0-1-8 (input: 0-3-8), 4=5/Mechanical, 3=-40/Mechanical
Max Horz 2=81(LC 6)
Max Uplift2=-247(LC 6), 4=-12(LC 4), 3=-40(LC 1)
Max Grav 2=179(LC 1), 4=14(LC 2), 3=76(LC 6)

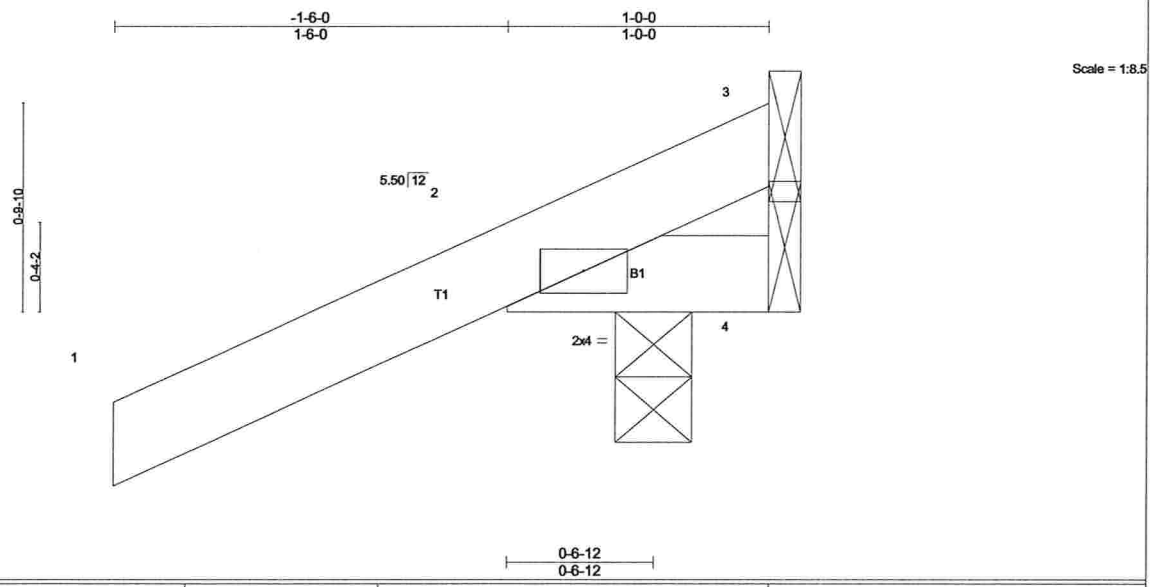
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7-8)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 3 except (jt=lb) 2=247.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	CJ1A	JACK	4	1	302306002
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:31 2009 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.11	Vert(TL)	-0.00	2	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)							Weight: 6 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=5/Mechanical, 2=153/0-1-8 (input: 0-3-8), 3=-66/Mechanical
Max Horz 2=53(LC 6)
Max Uplift2=-216(LC 6), 3=-66(LC 1)
Max Grav 4=14(LC 2), 2=153(LC 1), 3=107(LC 6)

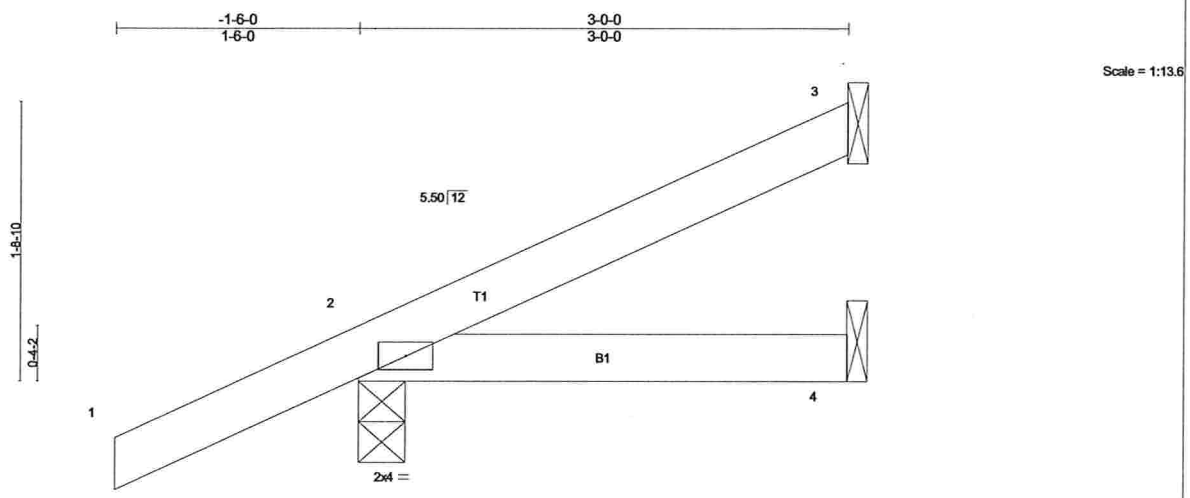
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (8-9)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3 except (jt=lb) 2=216.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	CJ3	JACK	12	1	302306003
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:32 2009 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.21	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.11	Vert(TL)	-0.01	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.01	2-4	>999	240	Weight: 12 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=49/Mechanical, 2=204/0-1-8 (input: 0-3-8), 4=14/Mechanical
Max Horz 2=133(LC 6)
Max Uplift3=-48(LC 6), 2=-247(LC 6), 4=-36(LC 4)
Max Grav 3=49(LC 1), 2=204(LC 1), 4=42(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7-8)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=247.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	CJ3A	JACK	4	1	302306004
					Job Reference (optional)

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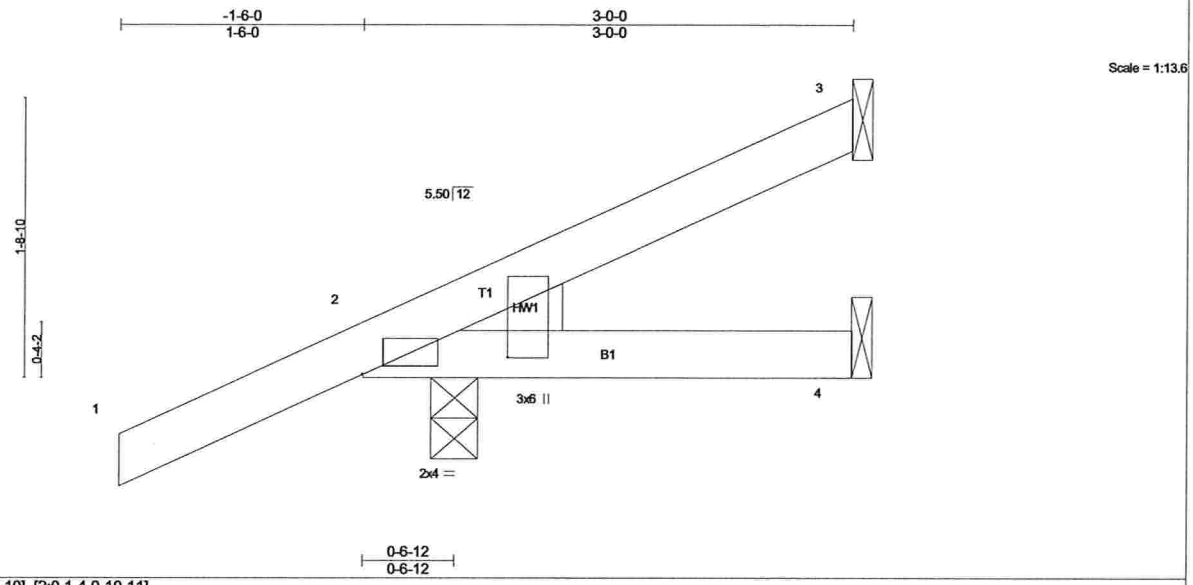


Plate Offsets (X,Y): [2:0-1-9,0-0-10], [2:0-1-4,0-10-11]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.11	Vert(TL)	-0.01	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.01	2-4	>999	240	Weight: 13 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEDGE
Left: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=49/Mechanical, 2=204/0-1-8 (input: 0-3-8), 4=14/Mechanical
Max Horz 2=133(LC 6)
Max Uplift3=-48(LC 6), 2=-247(LC 6), 4=-36(LC 4)
Max Grav 3=49(LC 1), 2=204(LC 1), 4=42(LC 2)

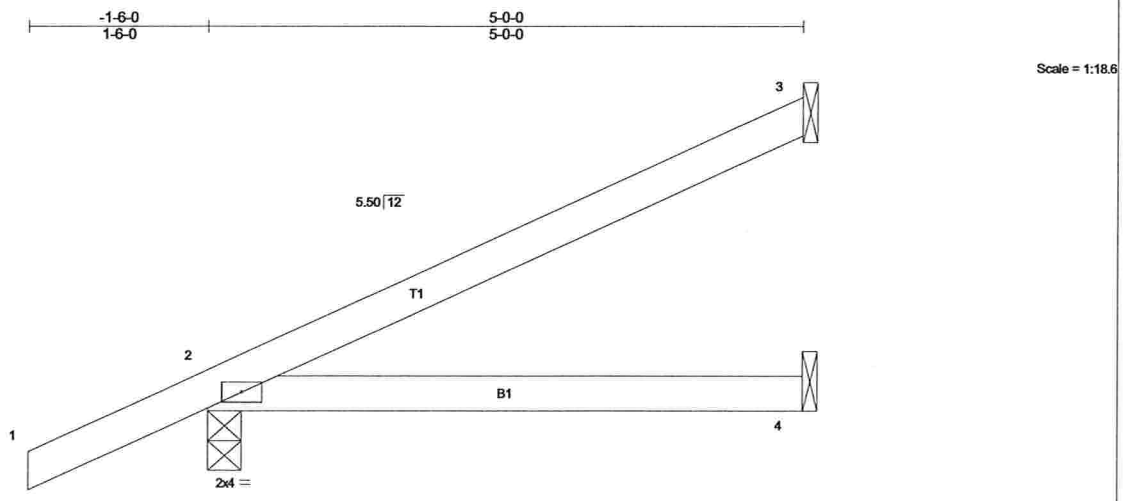
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7-8)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=247.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	CJ5	JACK	12	1	302306005
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:35 2009 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.05	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.11	2-4	>526	240	Weight: 18 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=114/Mechanical, 2=257/0-1-8 (input: 0-3-8), 4=24/Mechanical
Max Horz 2=186(LC 6)
Max Uplift3=-127(LC 6), 2=-292(LC 6), 4=-61(LC 4)
Max Grav 3=114(LC 1), 2=257(LC 1), 4=72(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7-8)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 3=127, 2=292.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	EJ5	JACK	2	1	302306006
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:36 2009 Page 1

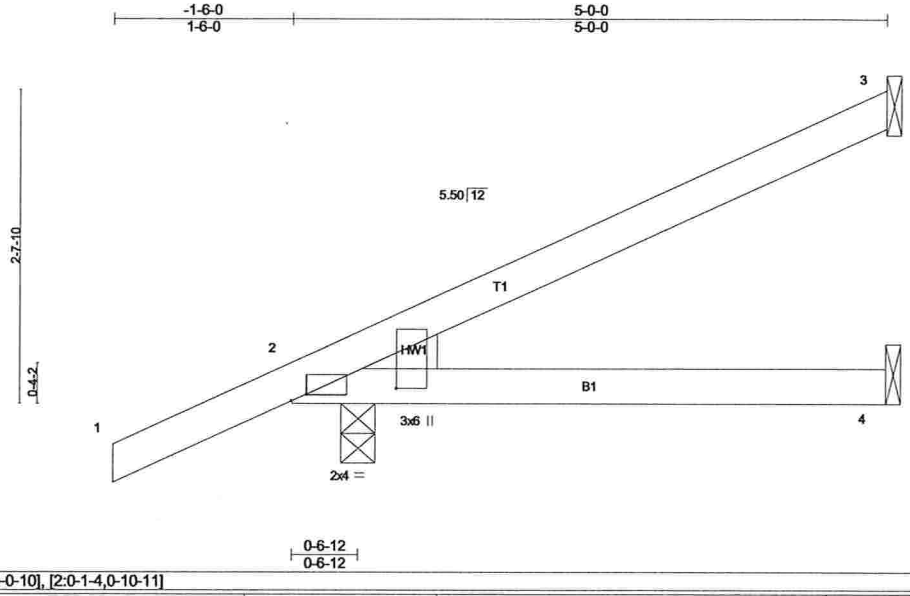


Plate Offsets (X,Y): [2:0-1-9,0-0-10], [2:0-1-4,0-10-11]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.05	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.11	2-4	>526	240	Weight: 19 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEDGE
Left: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=114/Mechanical, 2=257/0-1-8 (input: 0-3-8), 4=24/Mechanical
Max Horz 2=186(LC 6)
Max Uplift3=-127(LC 6), 2=-292(LC 6), 4=-61(LC 4)
Max Grav 3=114(LC 1), 2=257(LC 1), 4=72(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7-8)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 3=127, 2=292.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	EJ7	MONO TRUSS	34	1	302306007
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:37 2009 Page 1

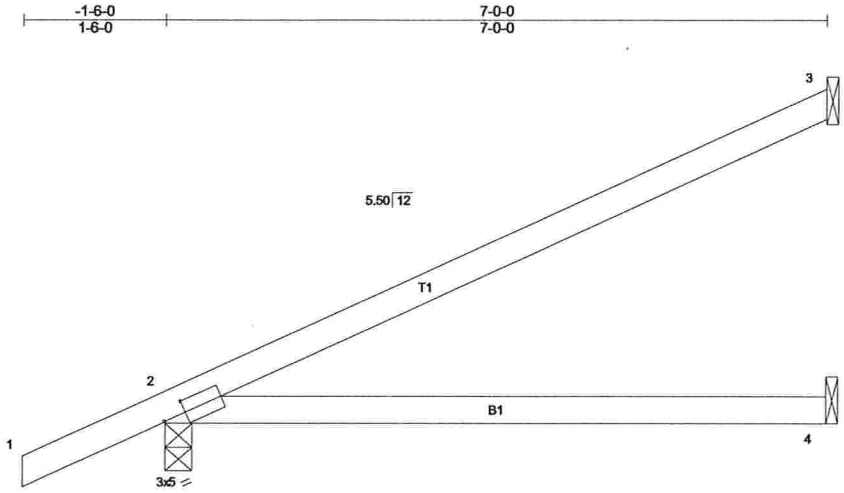


Plate Offsets (X,Y): [2:0-2-14,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.56	Vert(LL)	-0.09	2-4	>923	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.29	Vert(TL)	-0.18	2-4	>465	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.10	2-4	>837	240	Weight: 25 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=162/Mechanical, 2=317/0-1-8 (input: 0-3-8), 4=45/Mechanical
Max Horz 2=171(LC 6)
Max Uplift3=-116(LC 6), 2=-161(LC 6)
Max Grav 3=162(LC 1), 2=317(LC 1), 4=96(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7-8)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 3=116, 2=161.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	EJ7A	MONO TRUSS	1	1	302306008
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:38 2009 Page 1

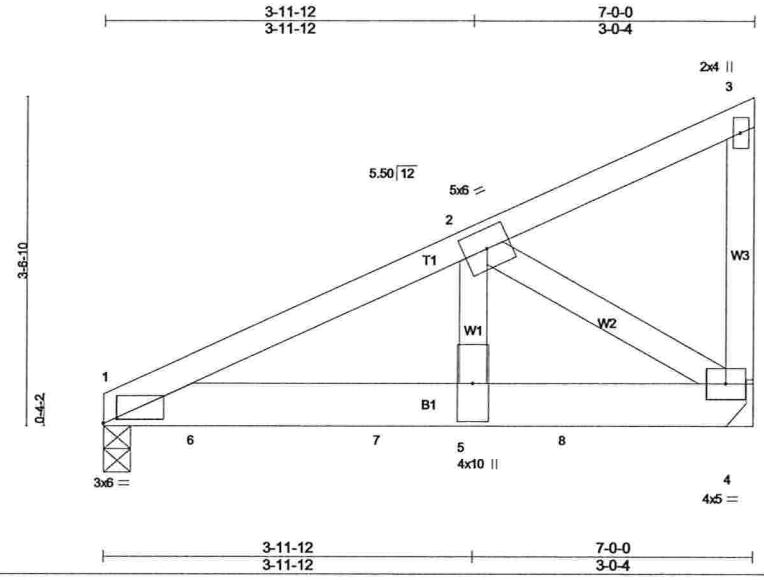


Plate Offsets (X,Y): [1:0-1-12,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	-0.04	1-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.07	1-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.55	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.04	1-5	>999	240	Weight: 39 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-2-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-4-14 oc bracing.

REACTIONS (lb/size) 1=1682/0-2-0 (input: 0-3-8), 4=1344/Mechanical
Max Horz 1=125(LC 5)
Max Uplift1=-592(LC 5), 4=-527(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2012/675
BOT CHORD 1-6=-700/1802, 6-7=-700/1802, 5-7=-700/1802, 5-8=-700/1802, 4-8=-700/1802
WEBS 2-5=-588/1716, 2-4=-2098/814

NOTES (9-11)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=592, 4=527.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 865 lb down and 315 lb up at 1-0-12, and 865 lb down and 315 lb up at 3-0-12, and 865 lb down and 315 lb up at 5-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
11) Use Simpson HTU26 to attach Truss to Carrying member

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-10, 1-3=-54
Concentrated Loads (lb)
Vert: 6=-865(F) 7=-865(F) 8=-865(F)

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	HJ7	JACK	2	1	302306009
					Job Reference (optional)

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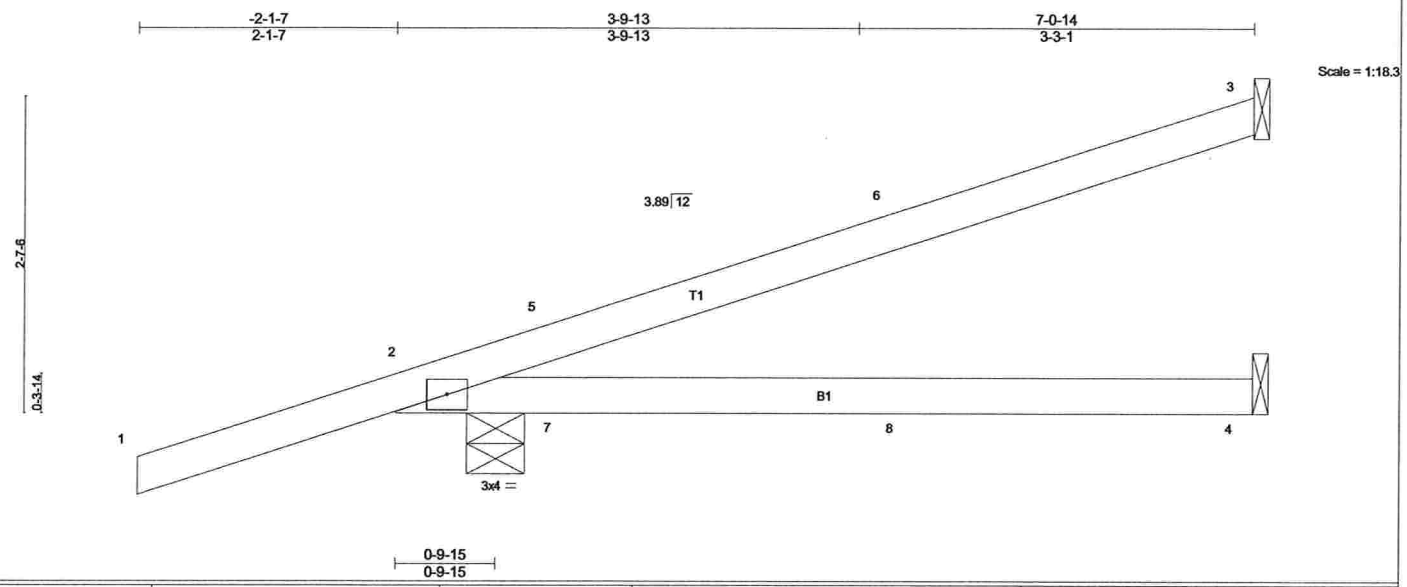

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.58	Vert(LL)	-0.09	2-4	>868	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.34	Vert(TL)	-0.16	2-4	>512	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.20	2-4	>397	240	Weight: 25 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=142/Mechanical, 2=305/0-1-8 (input: 0-5-11), 4=39/Mechanical
Max Horz 2=187(LC 3)
Max Uplift3=-164(LC 3), 2=-480(LC 3), 4=-102(LC 6)
Max Grav 3=142(LC 1), 2=305(LC 1), 4=100(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (9-10)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 3=164, 2=480, 4=102.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 31 lb up at 1-4-10, 31 lb up at 1-4-11, and 2 lb down and 30 lb up at 4-2-10, and 2 lb down and 30 lb up at 4-2-10 on top chord, and 16 lb up at 1-4-10, 16 lb up at 1-4-11, and 12 lb down and 10 lb up at 4-2-10, and 12 lb down and 10 lb up at 4-2-10 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 2-4=-10
Concentrated Loads (lb)
Vert: 5=62(F=31, B=31) 6=10(F=5, B=5) 7=10(F=5, B=5) 8=-8(F=-4, B=-4)

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	HJ9	MONO TRUSS	6	1	302306010
					Job Reference (optional)

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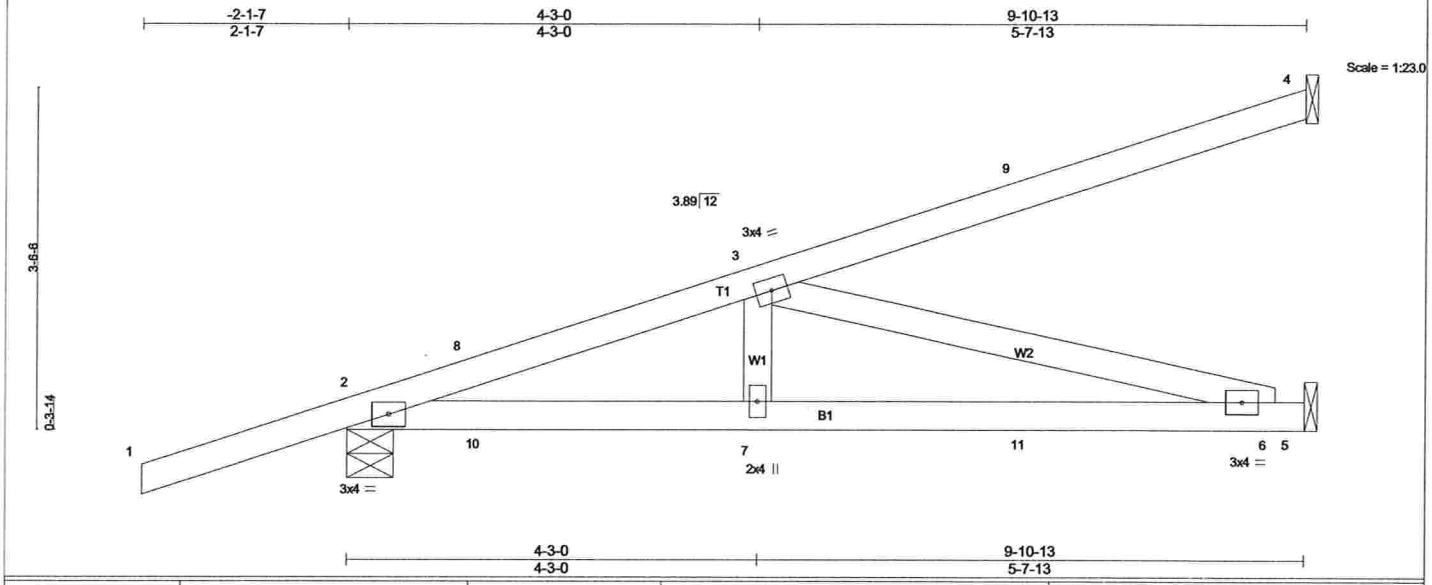

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.60	Vert(LL)	-0.07	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.14	6-7	>807	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.41	Horz(TL)	-0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.16	6-7	>704	240	Weight: 43 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-9-5 oc bracing.

REACTIONS (lb/size) 4=177/Mechanical, 2=440/0-1-8 (input: 0-5-11), 5=212/Mechanical
Max Horz 2=240(LC 3)
Max Uplift4=-196(LC 3), 2=-602(LC 3), 5=-341(LC 3)
Max Grav 4=177(LC 1), 2=440(LC 1), 5=238(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-747/919, 3-8=-699/920
BOT CHORD 2-10=-992/691, 7-10=-992/691, 7-11=-992/691, 6-11=-992/691
WEBS 3-7=-218/255, 3-6=-714/1026

NOTES (9-10)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=196, 2=602, 5=341.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 24 lb up at 1-4-10, 24 lb up at 1-4-11, 2 lb down and 30 lb up at 4-2-10, 2 lb down and 30 lb up at 4-2-10, and 60 lb down and 110 lb up at 7-0-9, and 60 lb down and 110 lb up at 7-0-9 on top chord, and 13 lb down and 16 lb up at 1-4-10, 13 lb down and 16 lb up at 1-4-11, 12 lb down and 10 lb up at 4-2-10, 12 lb down and 10 lb up at 4-2-10, and 42 lb down and 36 lb up at 7-0-9, and 42 lb down and 36 lb up at 7-0-9 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 2-5=-10
Concentrated Loads (lb)
Vert: 3=10(F=5, B=5) 7=-8(F=-4, B=-4) 8=49(F=24, B=24) 9=-120(F=-60, B=-60) 10=10(F=5, B=5) 11=-28(F=-14, B=-14)

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T01	HIP	1	1	302306011
					Job Reference (optional)

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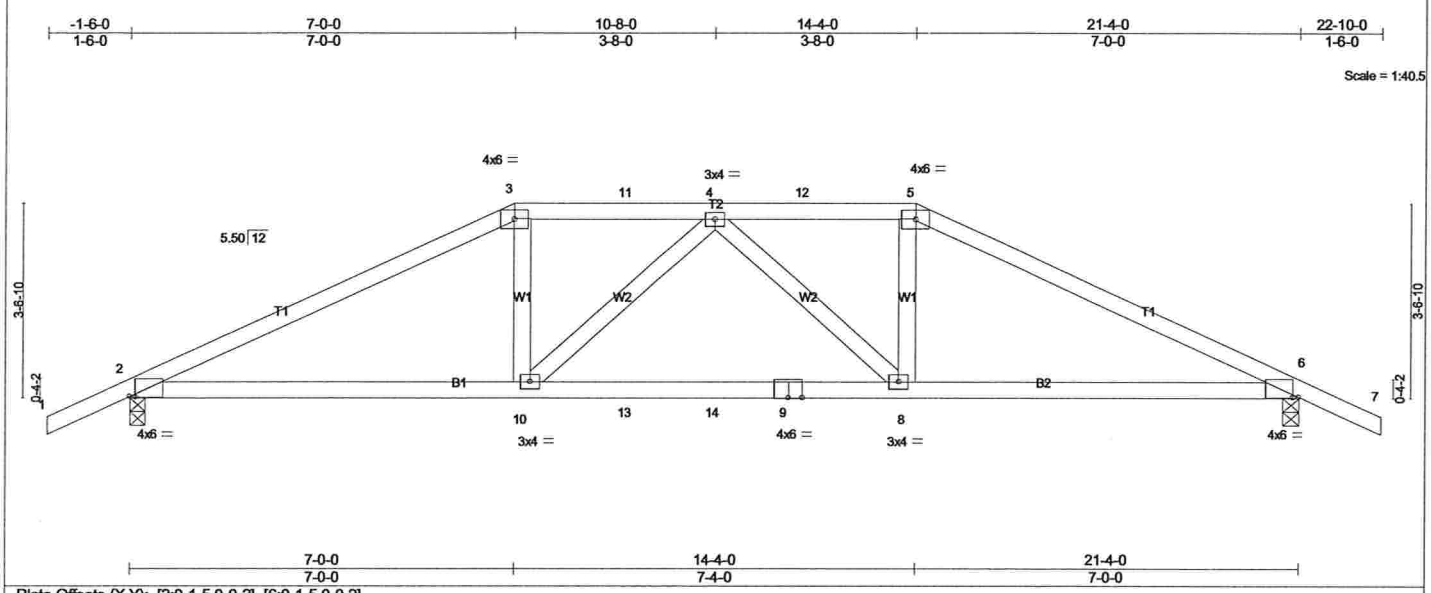

Plate Offsets (X,Y): [2:0-1-5,0-0-2], [6:0-1-5,0-0-2]

LOADING (psf)		SPACING 2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase 1.25	TC	0.56	Vert(LL)	-0.17	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase 1.25	BC	0.80	Vert(TL)	-0.36	8-10	>705	240		
BCLL	0.0 *	Rep Stress Incr NO	WB	0.22	Horz(TL)	0.09	6	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002	(Matrix)		Wind(LL)	0.18	8-10	>999	240	Weight: 93 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-3-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-7-7 oc bracing.

REACTIONS (lb/size) 2=1444/0-1-11 (input: 0-3-8), 6=1443/0-1-11 (input: 0-3-8)
Max Horz 2=-79(LC 6)
Max Uplift2=-1029(LC 5), 6=-1030(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2770/1973, 3-11=-2455/1851, 4-11=-2455/1851, 4-12=-2453/1852, 5-12=-2453/1852, 5-6=-2767/1975
BOT CHORD 2-10=-1740/2429, 10-13=-1877/2676, 13-14=-1877/2676, 9-14=-1877/2676, 8-9=-1877/2676, 6-8=-1694/2427
WEBS 3-10=-431/675, 4-10=-402/253, 4-8=-405/252, 5-8=-431/674

NOTES (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=1029, 6=1030.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 231 lb down and 277 lb up at 7-0-0, 108 lb down and 99 lb up at 9-0-12, 108 lb down and 99 lb up at 10-8-0, and 108 lb down and 99 lb up at 12-3-4, and 231 lb down and 277 lb up at 14-4-0 on top chord, and 274 lb down and 332 lb up at 7-0-0, 66 lb down at 9-0-12, 66 lb down at 10-8-0, and 66 lb down at 12-3-4, and 274 lb down and 332 lb up at 14-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-5=-54, 5-7=-54, 2-6=-10
Concentrated Loads (lb)
Vert: 3=-231(F) 5=-231(F) 9=-35(F) 10=-236(F) 4=-108(F) 8=-236(F) 11=-108(F) 12=-108(F) 13=-35(F) 14=-35(F)

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T02	HIP	1	1	302306012
					Job Reference (optional)

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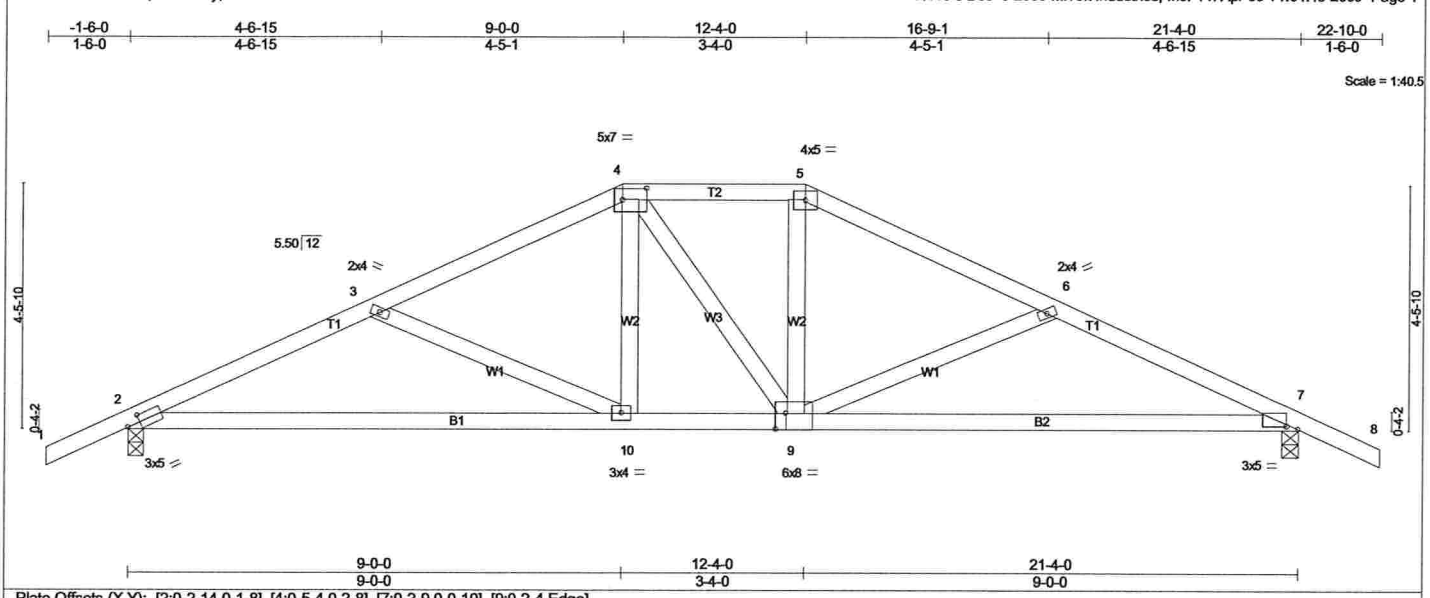


Plate Offsets (X,Y): [2:0-2-14,0-1-8], [4:0-5-4,0-2-8], [7:0-2-9,0-0-10], [9:0-2-4,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.17	2-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.43	Vert(TL)	-0.32	2-10	>793	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.07	9-10	>999	240	Weight: 105 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-6-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-5-10 oc bracing.

REACTIONS (lb/size) 2=762/0-1-8 (input: 0-3-8), 7=762/0-1-8 (input: 0-3-8)
Max Horz 2=92(LC 6)
Max Uplift2=-309(LC 6), 7=-309(LC 7)

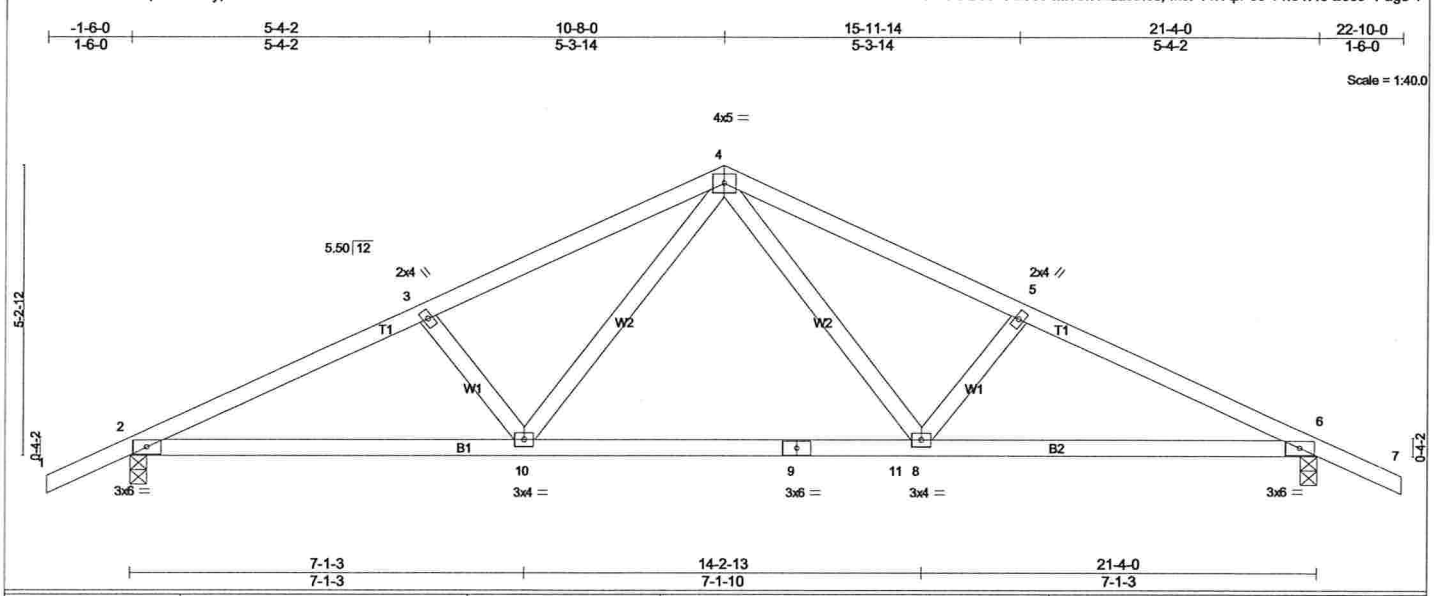
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1258/951, 3-4=-968/734, 4-5=-835/727, 5-6=-968/734, 6-7=-1258/951
BOT CHORD 2-10=-712/1093, 9-10=-393/834, 7-9=-712/1093
WEBS 3-10=-293/351, 6-9=-293/351

NOTES (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=309, 7=309.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T03	COMMON	6	1	302306013
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:46 2009 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.20	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.70	Vert(TL)	-0.40	8-10	>636	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.32	Horz(TL)	0.05	6	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.32	8-10	>781	240	Weight: 98 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-7-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-11-6 oc bracing.

REACTIONS (lb/size) 2=968/0-1-8 (input: 0-3-8), 6=960/0-1-8 (input: 0-3-8)
Max Horz 2=-103(LC 7)
Max Uplift2=-404(LC 6), 6=-401(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1777/1339, 3-4=-1607/1291, 4-5=-1588/1276, 5-6=-1759/1325
BOT CHORD 2-10=-1053/1551, 9-10=-571/1032, 9-11=-571/1032, 8-11=-571/1032, 6-8=-1040/1534
WEBS 4-8=-468/615, 5-8=-258/322, 4-10=-490/644, 3-10=-258/322

NOTES (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=404, 6=401.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-54, 2-10=-10, 10-11=-70(F=-60), 6-11=-10

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T04	COMMON	3	1	302306014

Job Reference (optional)

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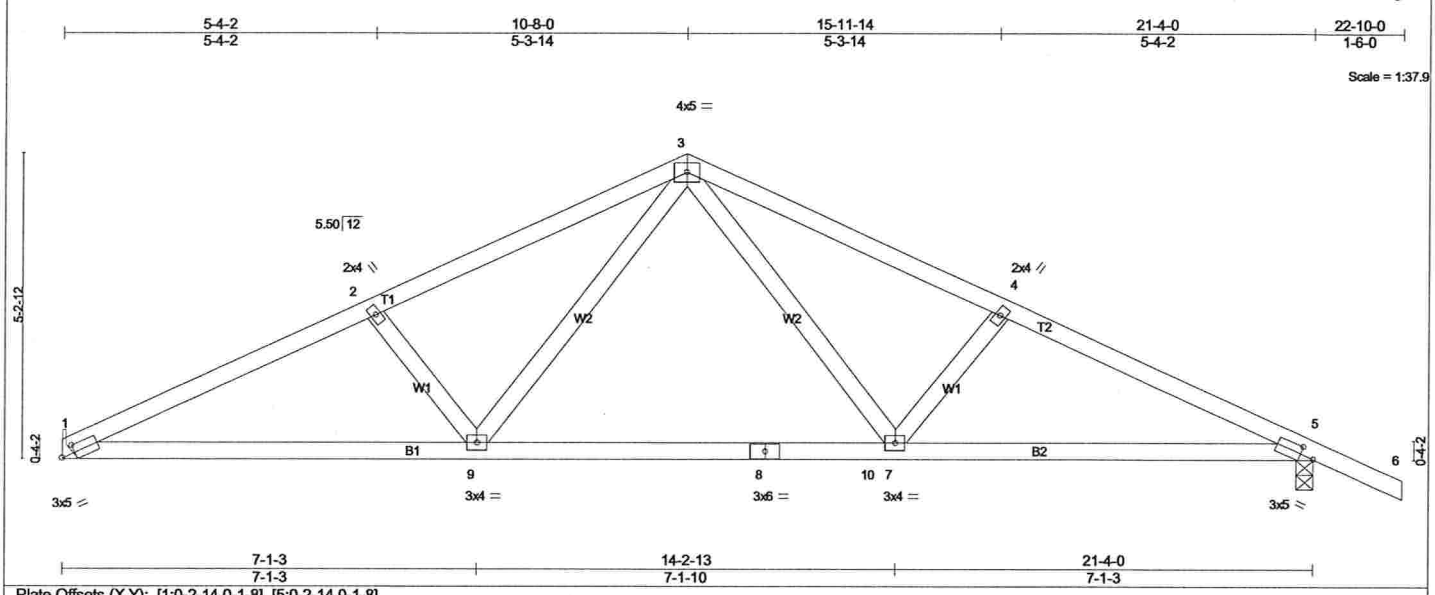

Plate Offsets (X,Y): [1:0-2-14,0-1-8], [5:0-2-14,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.41	Vert(LL)	-0.20	7-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.71	Vert(TL)	-0.40	7-9	>637	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.35	Horz(TL)	0.05	5	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.32	7-9	>784	240	Weight: 95 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-9-7 oc bracing.

REACTIONS (lb/size) 1=875/Mechanical, 5=963/0-1-8 (input: 0-3-8)
Max Horz 1=-115(LC 7)
Max Uplift1=-309(LC 6), 5=-401(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1802/1390, 2-3=-1629/1335, 3-4=-1596/1292, 4-5=-1767/1341
BOT CHORD 1-9=-1110/1579, 8-9=-585/1039, 8-10=-585/1039, 7-10=-585/1039, 5-7=-1054/1541
WEBS 3-7=-467/615, 4-7=-259/323, 3-9=-530/663, 2-9=-274/354

NOTES (9-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=309, 5=401.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
11) Use Simpson HTU26 to attach Truss to Carrying member

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-6=-54, 1-9=-10, 9-10=-70(F=-60), 5-10=-10

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T05	HIP	1	2	302306015

Job Reference (optional)

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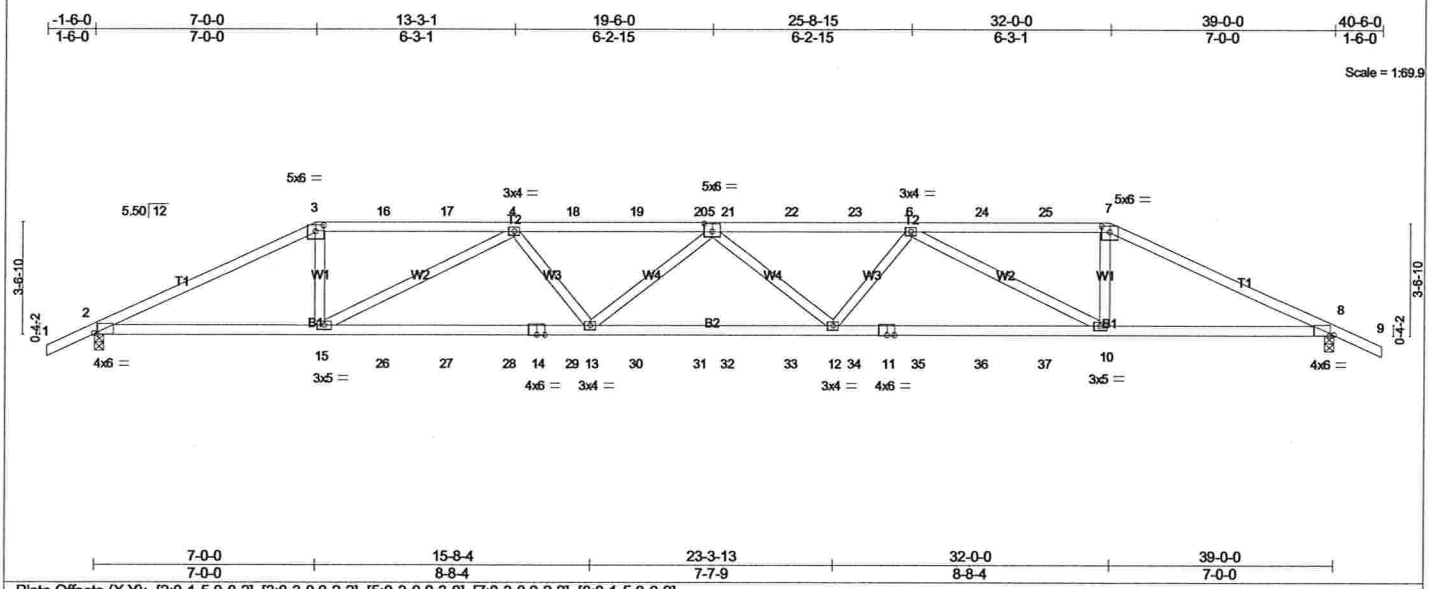

Plate Offsets (X,Y): [2:0-1-5,0-0-2], [3:0-3-0,0-2-2], [5:0-3-0,0-3-0], [7:0-3-0,0-2-2], [8:0-1-5,0-0-2]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	-0.44	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.87	Vert(TL)	-0.86	12-13	>538	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.55	Horz(TL)	0.22	8	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.54	12-13	>860	240	Weight: 356 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-5-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-5-9 oc bracing.

REACTIONS (lb/size) 2=2650/0-1-9 (input: 0-3-8), 8=2650/0-1-9 (input: 0-3-8)
Max Horz 2=-79(LC 6)
Max Uplift2=-1515(LC 5), 8=-1503(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5596/3206, 3-16=-5062/2975, 16-17=-5061/2974, 4-17=-5061/2974, 4-18=-7945/4236, 18-19=-7945/4236, 19-20=-7945/4236, 5-20=-7945/4236, 5-21=-7945/4233, 21-22=-7945/4233, 22-23=-7945/4233, 6-23=-7945/4233, 6-24=-5061/2986, 24-25=-5061/2986, 7-25=-5062/2986, 7-8=-5596/3218
BOT CHORD 2-15=-2837/4985, 15-26=-4041/7502, 26-27=-4041/7502, 27-28=-4041/7502, 14-28=-4041/7502, 14-29=-4041/7502, 13-29=-4041/7502, 13-30=-4426/8368, 30-31=-4426/8368, 31-32=-4426/8368, 32-33=-4426/8368, 12-33=-4426/8368, 12-34=-4030/7502, 11-34=-4030/7502, 11-35=-4030/7502, 35-36=-4030/7502, 36-37=-4030/7502, 10-37=-4030/7502, 8-10=-2836/4985
WEBS 3-15=-891/1718, 4-15=-2844/1358, 4-13=-179/809, 5-13=-585/396, 5-12=-574/388, 6-12=-173/809, 6-10=-2829/1347, 7-10=-886/1710

NOTES (12-13)
1) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 231 lb down and 277 lb up at 7-0-0, 108 lb down and 99 lb up at 9-0-12, 108 lb down and 99 lb up at 11-0-12, 108 lb down and 99 lb up at 13-0-12, 108 lb down and 99 lb up at 15-0-12, 108 lb down and 99 lb up at 17-0-12, 108 lb down and 99 lb up at 19-0-12, 108 lb down and 99 lb up at 19-11-4, 108 lb down and 99 lb up at 21-11-4, 108 lb down and 99 lb up at 23-11-4, 108 lb down and 99 lb up at 25-11-4, 108 lb down and 99 lb up at 27-11-4, and 108 lb down and 99 lb up at 29-11-4, and 271 lb down and 277 lb up at 32-0-0 on top chord, and 274 lb down and 332 lb up at 7-0-0, 66 lb down at 9-0-12, 66 lb down at 11-0-12, 66 lb down at 13-0-12, 66 lb down at 15-0-12, 66 lb down at 17-0-12, 66 lb down at 19-0-12, 66 lb down at 19-11-4, 66 lb down at 21-11-4, 66 lb down at 23-11-4, 66 lb down at 25-11-4, 66 lb down at 27-11-4, and 66 lb down at 29-11-4, and 274 lb down and 332 lb up at 31-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
2) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 231 lb down and 277 lb up at 7-0-0, 108 lb down and 99 lb up at 9-0-12, 108 lb down and 99 lb up at 11-0-12, 108 lb down and 99 lb up at 13-0-12, 108 lb down and 99 lb up at 15-0-12, 108 lb down and 99 lb up at 17-0-12, 108 lb down and 99 lb up at 19-0-12, 108 lb down and 99 lb up at 19-11-4, 108 lb down and 99 lb up at 21-11-4, 108 lb down and 99 lb up at 23-11-4, 108 lb down and 99 lb up at 25-11-4, 108 lb down and 99 lb up at 27-11-4, and 108 lb down and 99 lb up at 29-11-4, and 271 lb down and 277 lb up at 32-0-0 on top chord, and 274 lb down and 332 lb up at 7-0-0, 66 lb down at 9-0-12, 66 lb down at 11-0-12, 66 lb down at 13-0-12, 66 lb down at 15-0-12, 66 lb down at 17-0-12, 66 lb down at 19-0-12, 66 lb down at 19-11-4, 66 lb down at 21-11-4, 66 lb down at 23-11-4, 66 lb down at 25-11-4, 66 lb down at 27-11-4, and 66 lb down at 29-11-4, and 274 lb down and 332 lb up at 31-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
3) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
4) Unbalanced roof live loads have been considered for this design.
5) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=1515, 8=1503.
10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 231 lb down and 277 lb up at 7-0-0, 108 lb down and 99 lb up at 9-0-12, 108 lb down and 99 lb up at 11-0-12, 108 lb down and 99 lb up at 13-0-12, 108 lb down and 99 lb up at 15-0-12, 108 lb down and 99 lb up at 17-0-12, 108 lb down and 99 lb up at 19-0-12, 108 lb down and 99 lb up at 19-11-4, 108 lb down and 99 lb up at 21-11-4, 108 lb down and 99 lb up at 23-11-4, 108 lb down and 99 lb up at 25-11-4, 108 lb down and 99 lb up at 27-11-4, and 108 lb down and 99 lb up at 29-11-4, and 271 lb down and 277 lb up at 32-0-0 on top chord, and 274 lb down and 332 lb up at 7-0-0, 66 lb down at 9-0-12, 66 lb down at 11-0-12, 66 lb down at 13-0-12, 66 lb down at 15-0-12, 66 lb down at 17-0-12, 66 lb down at 19-0-12, 66 lb down at 19-11-4, 66 lb down at 21-11-4, 66 lb down at 23-11-4, 66 lb down at 25-11-4, 66 lb down at 27-11-4, and 66 lb down at 29-11-4, and 274 lb down and 332 lb up at 31-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Continued on page 2

12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
13) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-7=-54, 7-9=-54, 2-8=-10
Concentrated Loads (lb)
Vert: 3=-231(B) 7=-231(B) 15=-236(B) 4=-108(B) 6=-108(B) 10=-236(B) 16=-108(B) 17=-108(B) 18=-108(B) 19=-108(B) 20=-108(B) 21=-108(B) 22=-108(B) 23=-108(B) 24=-108(B) 25=-108(B) 26=-35(B) 27=-35(B) 28=-35(B) 29=-35(B) 30=-35(B) 31=-35(B) 32=-35(B) 33=-35(B) 34=-35(B) 35=-35(B) 36=-35(B) 37=-35(B)

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T06	HIP	1	1	302306016
					Job Reference (optional)

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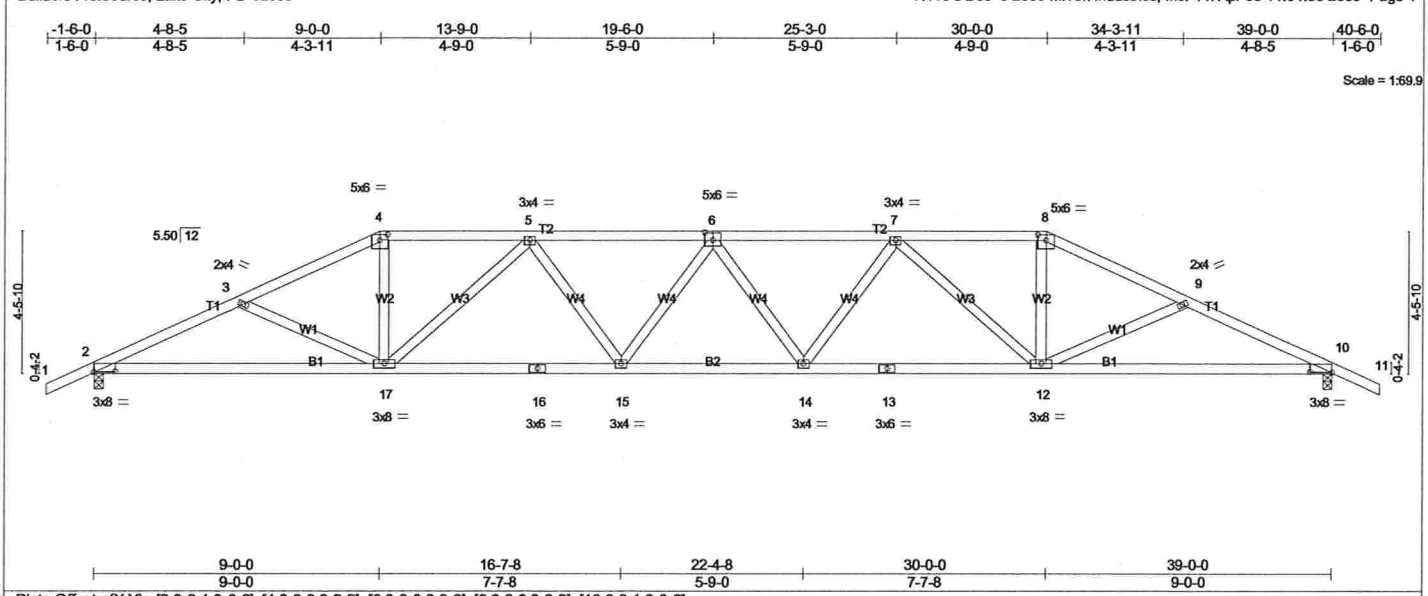

Plate Offsets (X,Y): [2:0-8-1,0-0-6], [4:0-3-0,0-2-2], [6:0-3-0,0-3-0], [8:0-3-0,0-2-2], [10:0-8-1,0-0-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	-0.26	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	-0.51	14-15	>918	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(TL)	0.16	10	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.39	14-15	>999	240	Weight: 196 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-7-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-7-15 oc bracing.

REACTIONS (lb/size) 2=1328/0-1-9 (input: 0-3-8), 10=1328/0-1-9 (input: 0-3-8)
Max Horz 2=92(LC 6)
Max Uplift2=-422(LC 6), 10=-422(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2546/1852, 3-4=-2291/1664, 4-5=-2059/1585, 5-6=-2774/2093, 6-7=-2774/2093, 7-8=-2059/1585, 8-9=-2291/1664, 9-10=-2546/1852
BOT CHORD 2-17=-1520/2249, 16-17=-1679/2622, 15-16=-1679/2622, 14-15=-1863/2883, 13-14=-1679/2622, 12-13=-1679/2622, 10-12=-1520/2249
WEBS 3-17=-239/314, 4-17=-460/701, 5-17=-827/578, 5-15=-140/313, 7-14=-140/313, 7-12=-827/578, 8-12=-460/701, 9-12=-239/314

NOTES (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=422, 10=422.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T07	HIP	1	1	302306017

Job Reference (optional)

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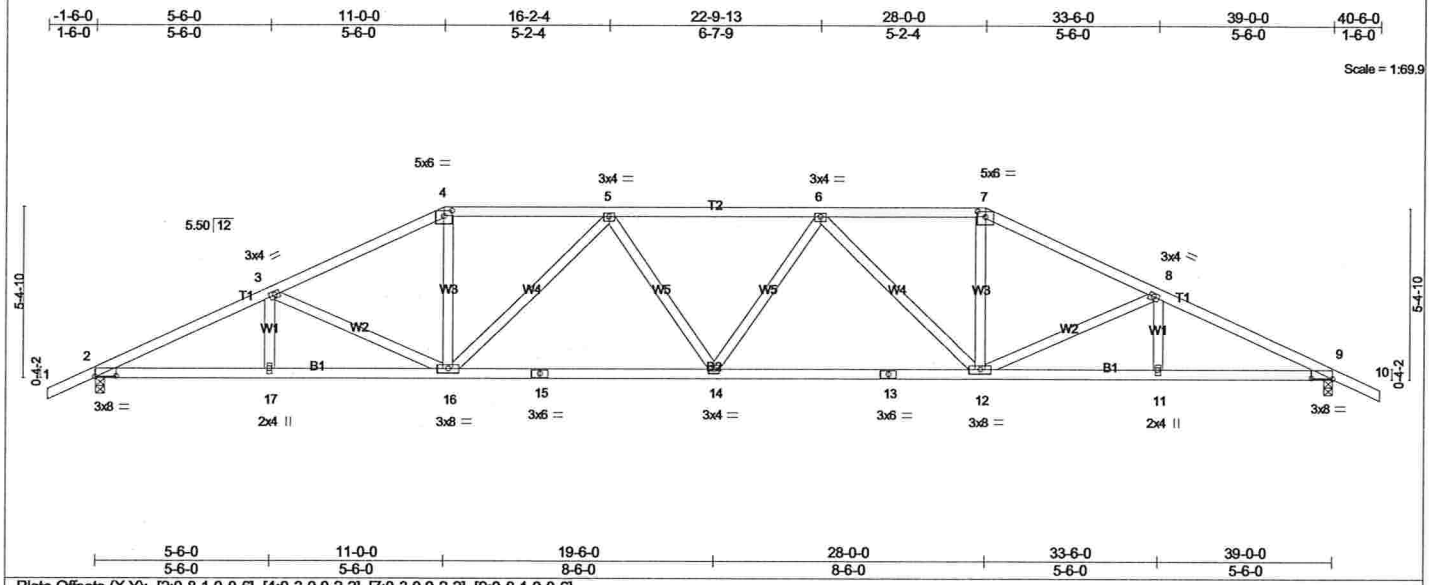

Plate Offsets (X,Y): [2:0-8-1,0-0-6], [4:0-3-0,0-2-2], [7:0-3-0,0-2-2], [9:0-8-1,0-0-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	-0.21	14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.43	14-16	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(TL)	0.15	9	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.32	14	>999	240	Weight: 201 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-1-15 oc bracing.

REACTIONS (lb/size) 2=1328/0-1-9 (input: 0-3-8), 9=1328/0-1-9 (input: 0-3-8)
Max Horz 2=106(LC 6)
Max Uplift2=-442(LC 6), 9=-442(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2558/1835, 3-4=-2163/1615, 4-5=-1923/1545, 5-6=-2325/1812, 6-7=-1923/1545, 7-8=-2163/1615, 8-9=-2558/1835
BOT CHORD 2-17=-1501/2256, 16-17=-1501/2256, 15-16=-1437/2298, 14-15=-1437/2298, 13-14=-1437/2298, 12-13=-1437/2298, 11-12=-1501/2256, 9-11=-1501/2256
WEBS 3-16=-389/395, 4-16=-415/616, 5-16=-628/405, 6-12=-628/405, 7-12=-415/616, 8-12=-389/395

NOTES (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=442, 9=442.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T08	HIP	1	1	302306018
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:57 2009 Page 1

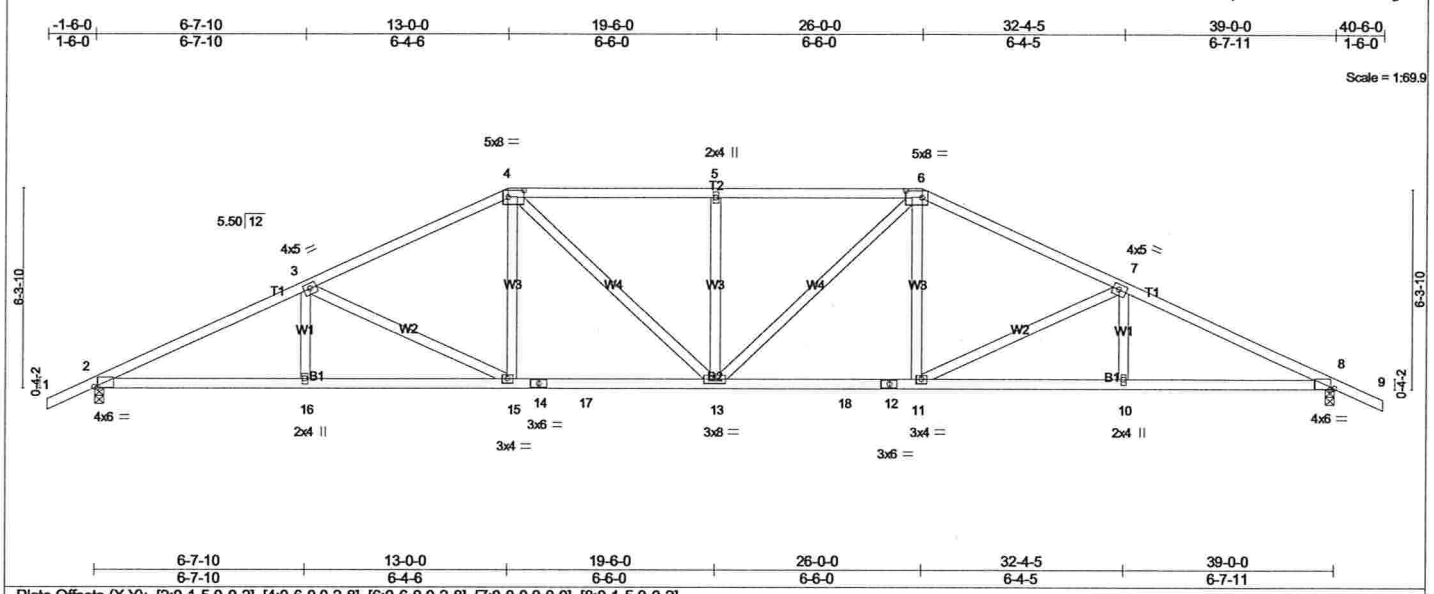

Plate Offsets (X,Y): [2:0-1-5,0-0-2], [4:0-6-0,0-2-8], [6:0-6-0,0-2-8], [7:0-0-0,0-0-0], [8:0-1-5,0-0-2]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	-0.22	11-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.40	11-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(TL)	0.15	8	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.28	13	>999	240	Weight: 204 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-6-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-2-3 oc bracing.

REACTIONS (lb/size) 2=1419/0-1-11 (input: 0-3-8), 8=1419/0-1-11 (input: 0-3-8)
Max Horz 2=-119(LC 7)
Max Uplift2=-461(LC 6), 8=-461(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2739/1834, 3-4=-2253/1558, 4-5=-2245/1666, 5-6=-2245/1666, 6-7=-2253/1558, 7-8=-2739/1834
BOT CHORD 2-16=-1486/2414, 15-16=-1486/2414, 14-15=-1043/1985, 14-17=-1043/1985, 13-17=-1043/1985, 13-18=-1043/1985, 12-18=-1043/1985, 11-12=-1043/1985, 10-11=-1486/2413, 8-10=-1486/2413
WEBS 3-15=-489/495, 4-15=-178/356, 4-13=-233/489, 5-13=-395/358, 6-13=-233/489, 6-11=-178/356, 7-11=-489/495

NOTES (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=461, 8=461.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T09	HIP	1	1	302306019
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:58 2009 Page 1

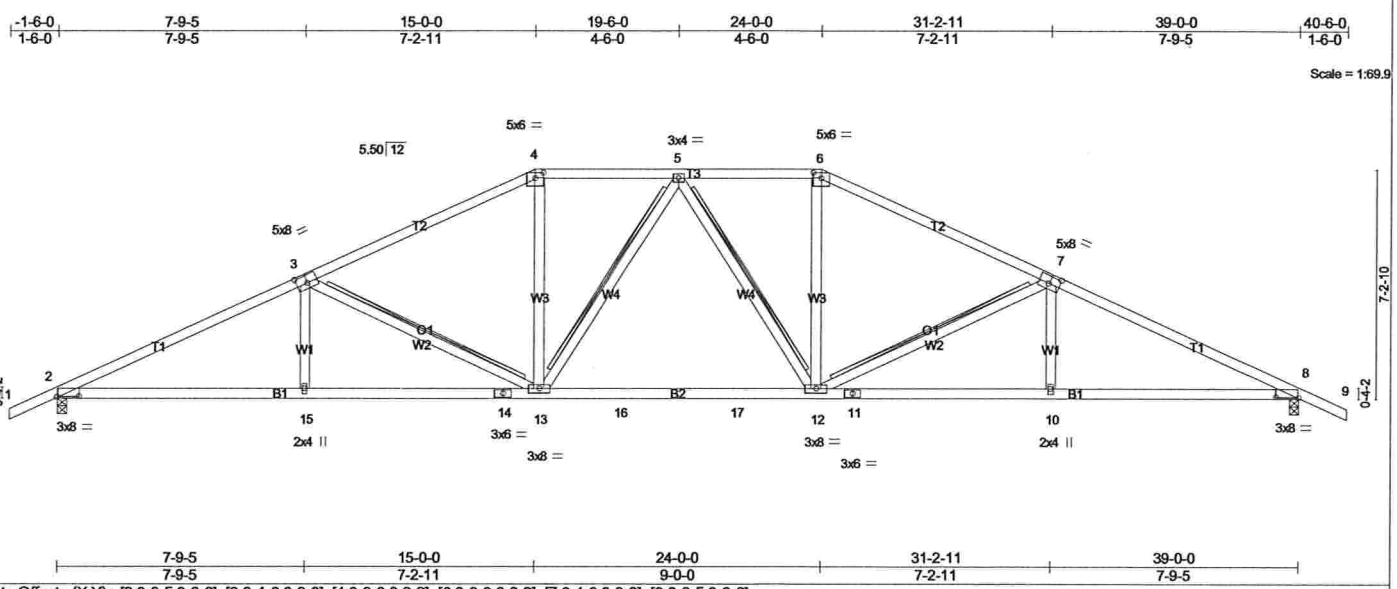

Plate Offsets (X,Y): [2:0-8-5,0-0-6], [3:0-4-0,0-3-0], [4:0-3-0,0-2-2], [6:0-3-0,0-2-2], [7:0-4-0,0-3-0], [8:0-8-5,0-0-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	-0.37	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.68	Vert(TL)	-0.59	12-13	>783	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.27	Horz(TL)	0.14	8	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.26	12-13	>999	240	Weight: 202 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-4-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-1-9 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-13, 5-13, 5-12, 7-12
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1400/0-1-10 (input: 0-3-8), 8=1400/0-1-10 (input: 0-3-8)
Max Horz 2=-133(LC 7)
Max Uplift2=-478(LC 6), 8=-478(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2653/1826, 3-4=-2089/1490, 4-5=-1825/1441, 5-6=-1825/1441, 6-7=-2089/1490, 7-8=-2653/1826
BOT CHORD 2-15=-1465/2329, 14-15=-1465/2328, 13-14=-1465/2328, 13-16=-995/1897, 16-17=-995/1897, 12-17=-995/1897, 11-12=-1465/2328, 10-11=-1465/2328, 8-10=-1465/2329
WEBS 3-13=-579/602, 4-13=-318/539, 5-13=-288/125, 5-12=-288/125, 6-12=-318/539, 7-12=-579/602

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=478, 8=478.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T10	HIP	1	1	302306020
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:05:00 2009 Page 1

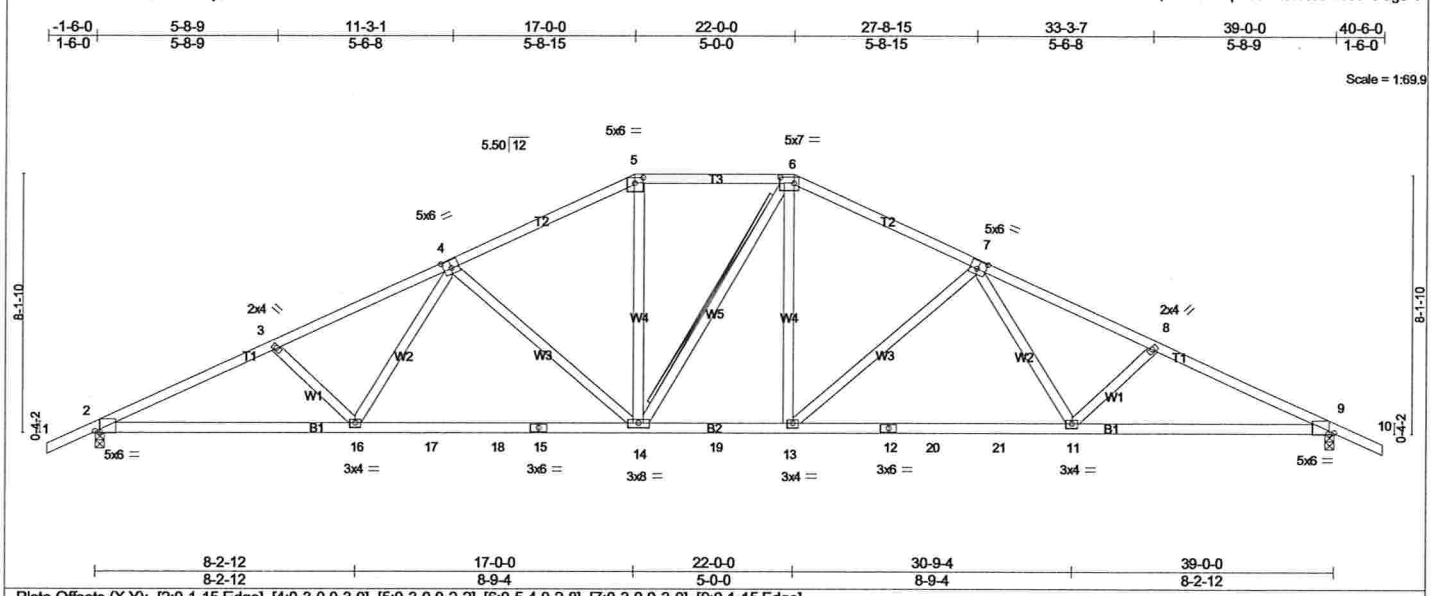

Plate Offsets (X,Y): [2:0-1-15,Edge], [4:0-3-0,0-3-0], [5:0-3-0,0-2-2], [6:0-5-4,0-2-8], [7:0-3-0,0-3-0], [9:0-1-15,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	-0.30	11-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.52	11-13	>891	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(TL)	0.15	9	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.26	11-13	>999	240	Weight: 212 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-6-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-0-5 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-14
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1455/0-1-11 (input: 0-3-8), 9=1461/0-1-12 (input: 0-3-8)
Max Horz 2=-147(LC 7)
Max Uplift2=-493(LC 6), 9=-493(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2848/1903, 3-4=-2637/1809, 4-5=-1973/1442, 5-6=-1738/1383, 6-7=-1986/1441, 7-8=-2650/1809, 8-9=-2861/1903
BOT CHORD 2-16=-1558/2515, 16-17=-1223/2153, 17-18=-1223/2153, 15-18=-1223/2153, 14-15=-1223/2153, 14-19=-814/1751, 13-19=-814/1751, 12-13=-1223/2166, 12-20=-1223/2166, 20-21=-1223/2166, 11-21=-1223/2166, 9-11=-1558/2527
WEBS 3-16=-250/330, 4-16=-200/382, 4-14=-569/553, 5-14=-328/518, 6-13=-328/546, 7-13=-569/553, 7-11=-200/382, 8-11=-249/330

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=493, 9=493.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T11	HIP	1	1	302306021
					Job Reference (optional)

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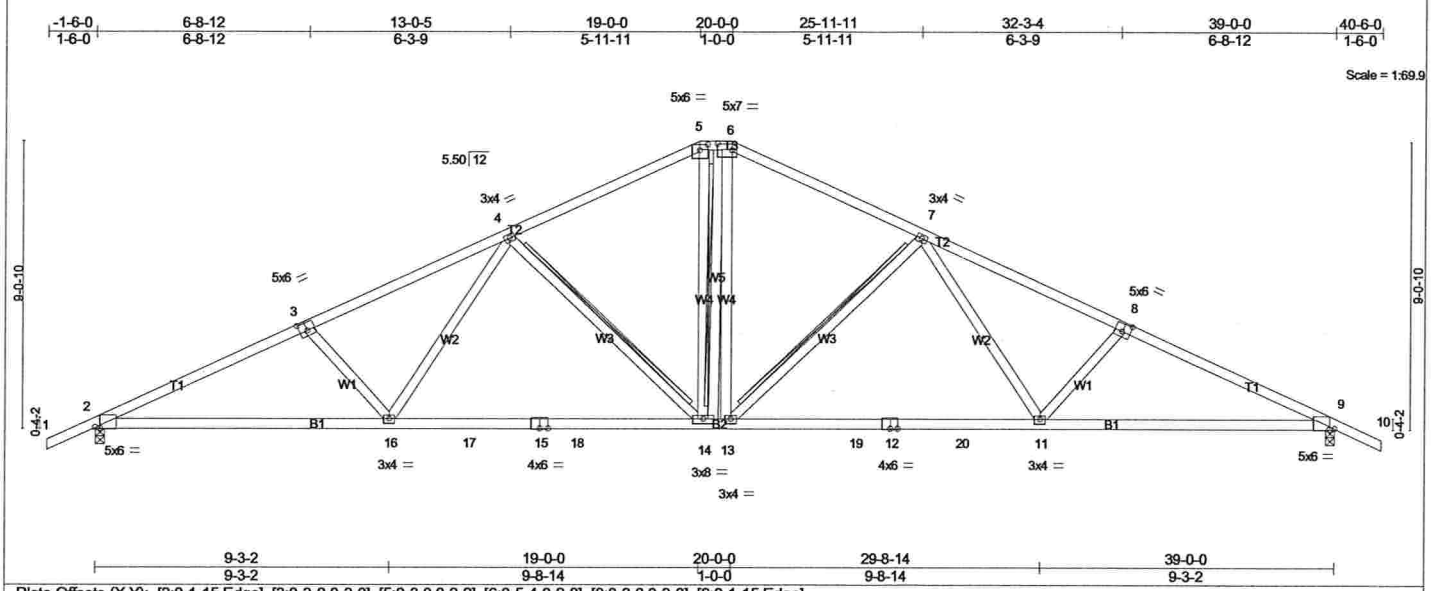

Plate Offsets (X,Y): [2:0-1-15,Edge], [3:0-3-0,0-3-0], [5:0-3-0,0-2-2], [6:0-5-4,0-2-8], [8:0-3-0,0-3-0], [9:0-1-15,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.41	11-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.75	Vert(TL)	-0.65	11-13	>716	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.51	Horz(TL)	0.14	9	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.28	11-13	>999	240	Weight: 221 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-5-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-0-6 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 4-14, 6-14, 7-13
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1462/0-1-12 (input: 0-3-8), 9=1462/0-1-12 (input: 0-3-8)
Max Horz 2=-160(LC 7)
Max Uplift2=-506(LC 6), 9=-506(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2839/1902, 3-4=-2607/1815, 4-5=-1828/1379, 5-6=-1603/1329, 6-7=-1823/1376, 7-8=-2609/1817, 8-9=-2840/1903
BOT CHORD 2-16=-1545/2502, 16-17=-1131/2045, 15-17=-1131/2045, 15-18=-1131/2045, 14-18=-1131/2045, 13-14=-696/1595, 13-19=-1131/2044, 12-19=-1131/2044, 12-20=-1131/2044, 11-20=-1131/2044, 9-11=-1546/2503
WEBS 3-16=-309/402, 4-16=-286/499, 4-14=-638/611, 5-14=-379/533, 6-14=-146/255, 6-13=-371/521, 7-13=-645/618, 7-11=-289/502, 8-11=-308/401

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=506, 9=506.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T12	SPECIAL	1	1	302306022
					Job Reference (optional)

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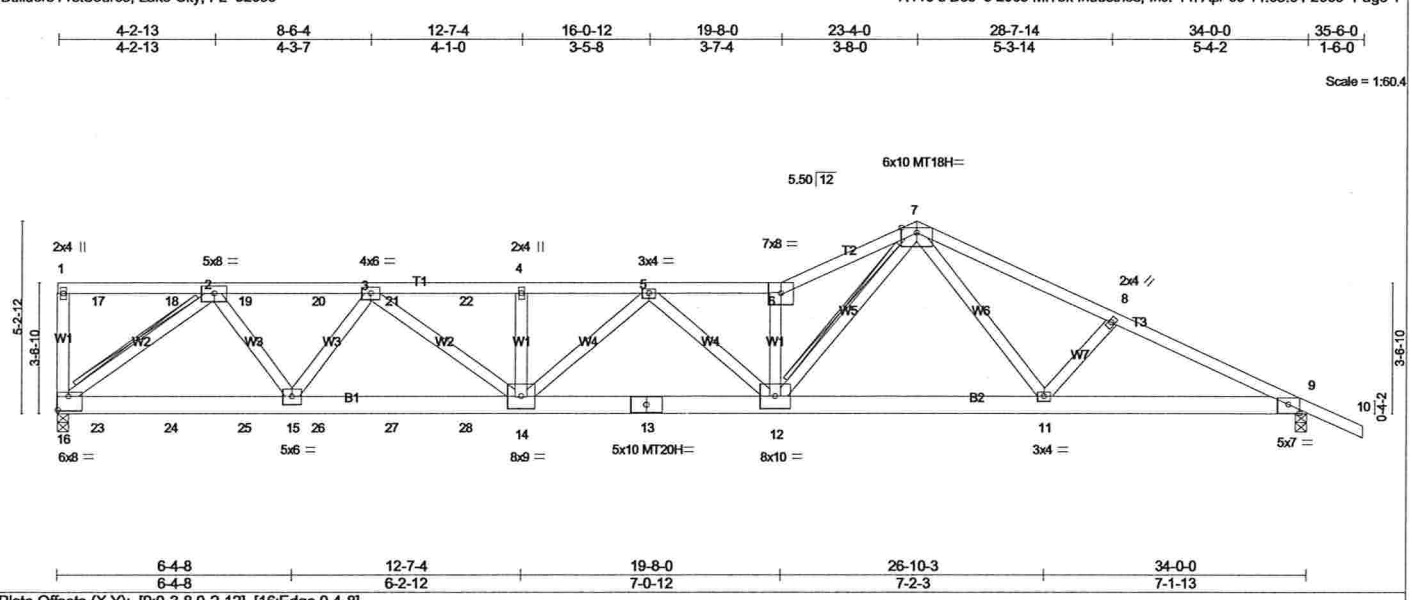

Plate Offsets (X,Y): [9:0-3-8,0-2-12], [16:Edge,0-4-8]

LOADING (psf)		SPACING 2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase 1.25	TC	0.77	Vert(LL)	-0.47	12-14	>863	360	MT20	244/190
TCDL	7.0	Lumber Increase 1.25	BC	0.77	Vert(TL)	-0.89	12-14	>455	240	MT20H	187/143
BCLL	0.0 *	Rep Stress Incr NO	WB	0.83	Horz(TL)	0.14	9	n/a	n/a	MT18H	244/190
BCDL	5.0	Code FBC2007/TPI2002	(Matrix)		Wind(LL)	0.46	12-14	>879	240	Weight: 206 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3 *Except*
W5: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-10-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-4-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 2-16, 7-12
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 16=2622/0-3-2 (input: 0-3-8), 9=1813/0-2-2 (input: 0-3-8)
Max Horz 16=-200(LC 6)
Max Uplift16=-1094(LC 5), 9=-690(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-19=-4294/1725, 19-20=-4294/1725, 3-20=-4294/1725, 3-21=-6945/2782, 21-22=-6945/2782, 4-22=-6945/2782, 4-5=-6945/2782, 5-6=-5654/2187, 6-7=-6375/2500, 7-8=-3586/1315, 8-9=-3764/1322
BOT CHORD 16-23=-1215/3039, 23-24=-1215/3039, 24-25=-1215/3039, 15-25=-1215/3039, 15-26=-2165/5422, 26-27=-2165/5422, 27-28=-2165/5422, 14-28=-2165/5422, 13-14=-2479/6418, 12-13=-2479/6418, 11-12=-1051/2994, 9-11=-1149/3365
WEBS 2-16=-3801/1606, 2-15=-789/2243, 3-15=-2016/910, 3-14=-694/1929, 5-14=-370/847, 5-12=-1128/515, 6-12=-2788/1138, 7-12=-1810/4507, 7-11=-134/362, 8-11=-267/203

NOTES (12-13)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=1094, 9=690.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 148 lb down and 99 lb up at 1-0-12, 148 lb down and 99 lb up at 3-0-12, 148 lb down and 99 lb up at 5-0-12, 148 lb down and 99 lb up at 7-0-12, and 148 lb down and 99 lb up at 9-0-12, and 148 lb down and 99 lb up at 11-0-12 on top chord, and 66 lb down at 1-0-12, 66 lb down at 3-0-12, 66 lb down at 5-0-12, 66 lb down at 7-0-12, 66 lb down at 9-0-12, and 66 lb down at 11-0-12, and 1334 lb down and 533 lb up at 12-7-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
13) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-6=-54, 6-7=-54, 7-10=-54, 9-16=-10
Concentrated Loads (lb)
Vert: 14=-1334(F) 17=-108(F) 18=-108(F) 19=-108(F) 20=-108(F) 21=-108(F) 22=-108(F) 23=-35(F) 24=-35(F) 25=-35(F) 26=-35(F) 27=-35(F) 28=-35(F)

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T13	HIP	1	1	302306023
					Job Reference (optional)

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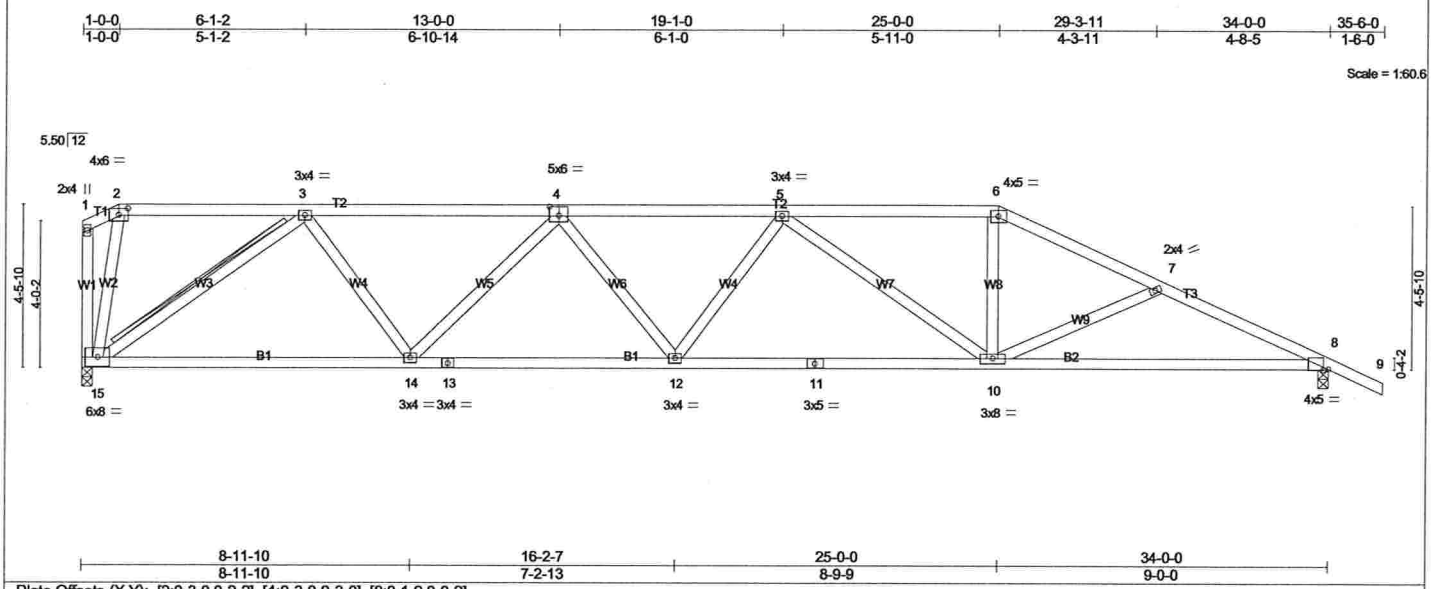

Plate Offsets (X,Y): [2:0-3-0,0-2-2], [4:0-3-0,0-3-0], [8:0-1-9,0-0-2]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	-0.16	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	-0.33	10-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.55	Horz(TL)	0.10	8	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.22	10-12	>999	240	Weight: 180 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-2-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-6-9 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-15
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 15=1083/0-1-8 (input: 0-3-8), 8=1161/0-1-8 (input: 0-3-8)
Max Horz 15=-200(LC 7)
Max Uplift15=-421(LC 4), 8=-385(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-1609/1164, 4-5=-2118/1560, 5-6=-1705/1299, 6-7=-1907/1354, 7-8=-2165/1544
BOT CHORD 14-15=-606/1239, 13-14=-1194/2045, 12-13=-1194/2045, 11-12=-1283/2134, 10-11=-1283/2134, 8-10=-1243/1905
WEBS 3-14=-394/651, 4-14=-628/524, 5-10=-613/393, 6-10=-300/508, 7-10=-240/317, 3-15=-1496/1108

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 15=421, 8=385.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T14	HIP	1	1	302306024
					Job Reference (optional)

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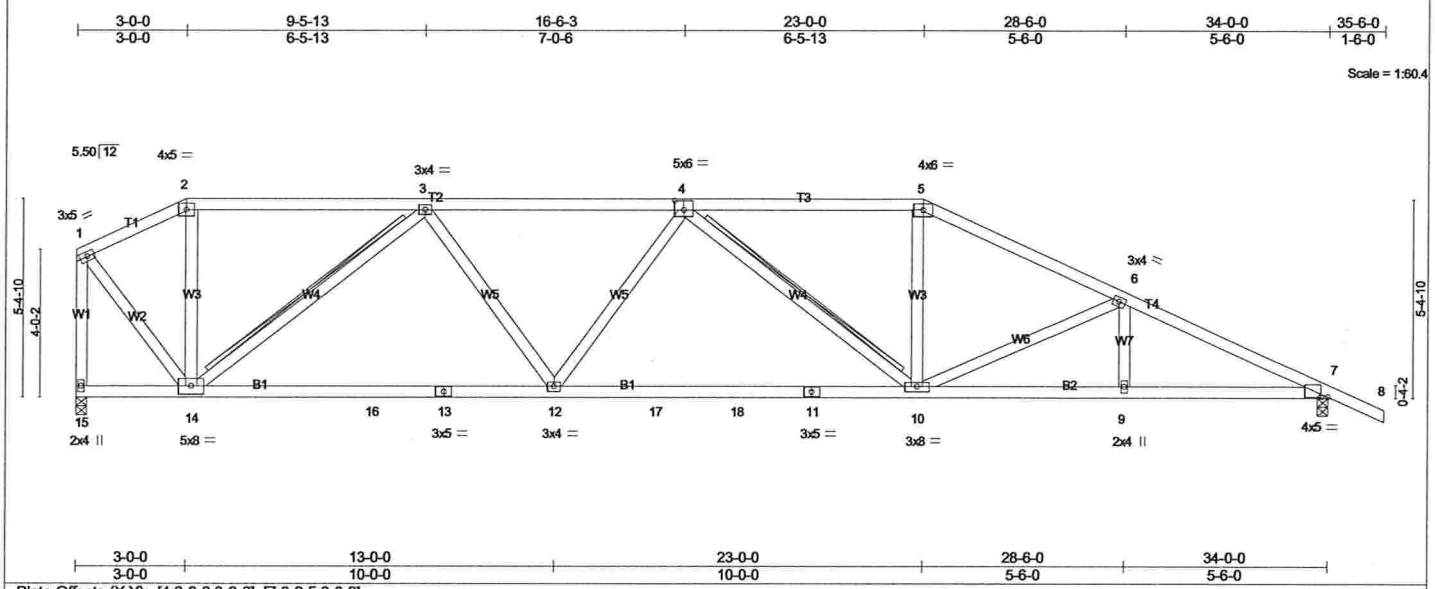

Plate Offsets (X,Y): [4:0-3-0,0-3-0], [7:0-2-5,0-0-2]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	-0.24	10-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.62	Vert(TL)	-0.45	10-12	>905	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.50	Horz(TL)	0.10	7	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.17	10-12	>999	240	Weight: 185 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-8-6 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-14, 4-10
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 15=1179/0-1-8 (input: 0-3-8), 7=1234/0-1-8 (input: 0-3-8)
Max Horz 15=-213(LC 7)
Max Uplift15=-376(LC 5), 7=-406(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-759/499, 2-3=-671/498, 3-4=-1896/1273, 4-5=-1737/1266, 5-6=-1961/1312, 6-7=-2334/1538, 1-15=-1200/782
BOT CHORD 14-15=-2/302, 14-16=-767/1631, 13-16=-767/1631, 12-13=-767/1631, 12-17=-1038/2009, 17-18=-1038/2009, 11-18=-1038/2009, 10-11=-1038/2009, 9-10=-1232/2054, 7-9=-1232/2054
WEBS 3-14=-1241/849, 3-12=-199/471, 4-12=-205/277, 4-10=-467/210, 5-10=-253/494, 6-10=-364/401, 1-14=-656/1072

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 15=376, 7=406.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T15	HIP	1	1	302306025
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:05:10 2009 Page 1

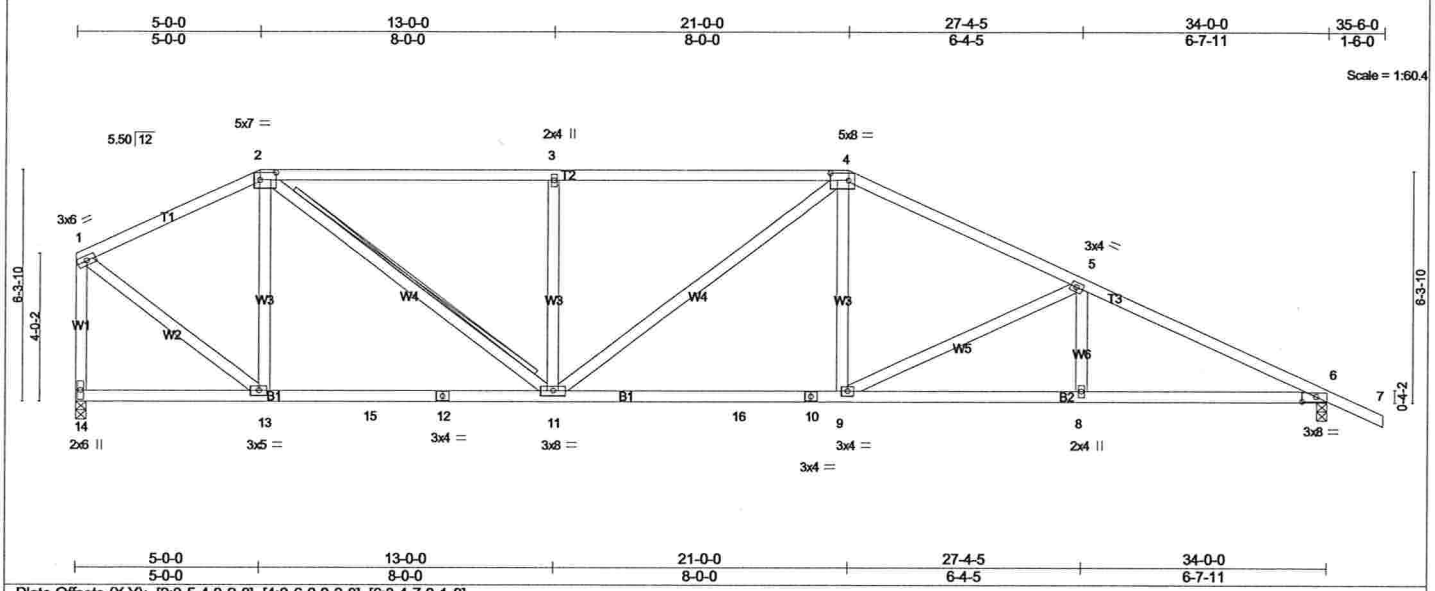

Plate Offsets (X,Y): [2:0-5-4,0-2-8], [4:0-6-0,0-2-8], [6:0-4-7,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.17	9-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.30	9-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(TL)	0.08	6	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.16	9	>999	240	Weight: 189 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-8-15 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 2-11
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 14=1217/0-1-8 (input: 0-3-8), 6=1256/0-1-8 (input: 0-3-8)
Max Horz 14=-227(LC 7)
Max Uplift14=-342(LC 5), 6=-423(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1048/687, 2-3=-1679/1220, 3-4=-1679/1221, 4-5=-1878/1249, 5-6=-2358/1528, 1-14=-1209/809
BOT CHORD 13-14=0/292, 13-15=-231/897, 12-15=-231/897, 12-15=-231/897, 11-12=-231/897, 11-16=-763/1646, 10-16=-763/1646, 9-10=-763/1646, 8-9=-1209/2069, 6-8=-1209/2069
WEBS 2-13=-503/446, 2-11=-672/1006, 3-11=-497/459, 4-9=-173/381, 5-9=-479/498, 1-13=-669/1124

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 14=342, 6=423.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T16	HIP	1	1	302306026
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:05:12 2009 Page 1

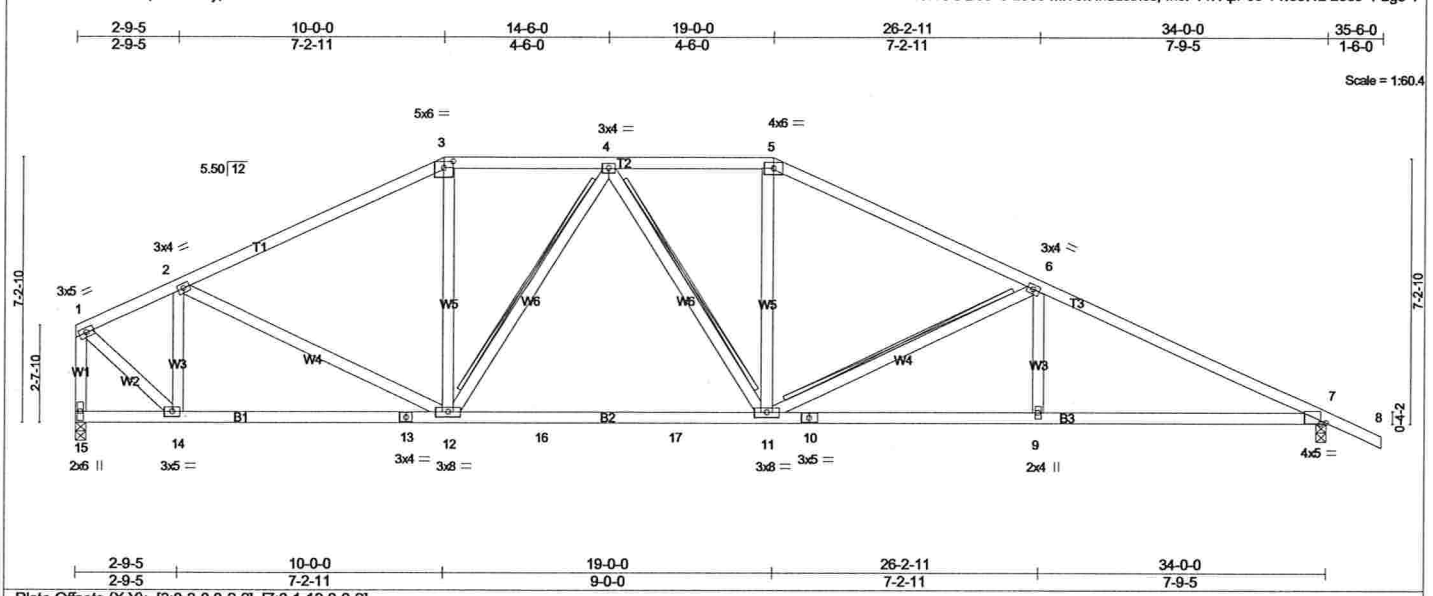

Plate Offsets (X,Y): [3:0-3-0,0-2-2], [7:0-1-13,0-0-2]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.59	Vert(LL)	-0.28	11-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.62	Vert(TL)	-0.42	11-12	>965	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.37	Horz(TL)	0.08	7	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.15	9	>999	240	Weight: 192 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-8-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-7-14 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 4-12, 4-11, 6-11
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 15=1160/0-1-8 (input: 0-3-8), 7=1232/0-1-8 (input: 0-3-8)
Max Horz 15=-205(LC 7)
Max Uplift15=-305(LC 6), 7=-441(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-921/668, 2-3=-1458/1030, 3-4=-1250/1025, 4-5=-1459/1177, 5-6=-1690/1201, 6-7=-2260/1542, 1-15=-1136/811
BOT CHORD 13-14=-390/844, 12-13=-390/844, 12-16=-653/1426, 16-17=-653/1426, 11-17=-653/1426, 10-11=-1208/1974, 9-10=-1208/1974, 7-9=-1208/1974
WEBS 2-14=-752/600, 2-12=-135/499, 3-12=-111/315, 4-12=-421/261, 5-11=-197/373, 6-11=-585/608, 1-14=-833/1141

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 15=305, 7=441.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T17	HIP	1	1	302306027
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:05:13 2009 Page 1

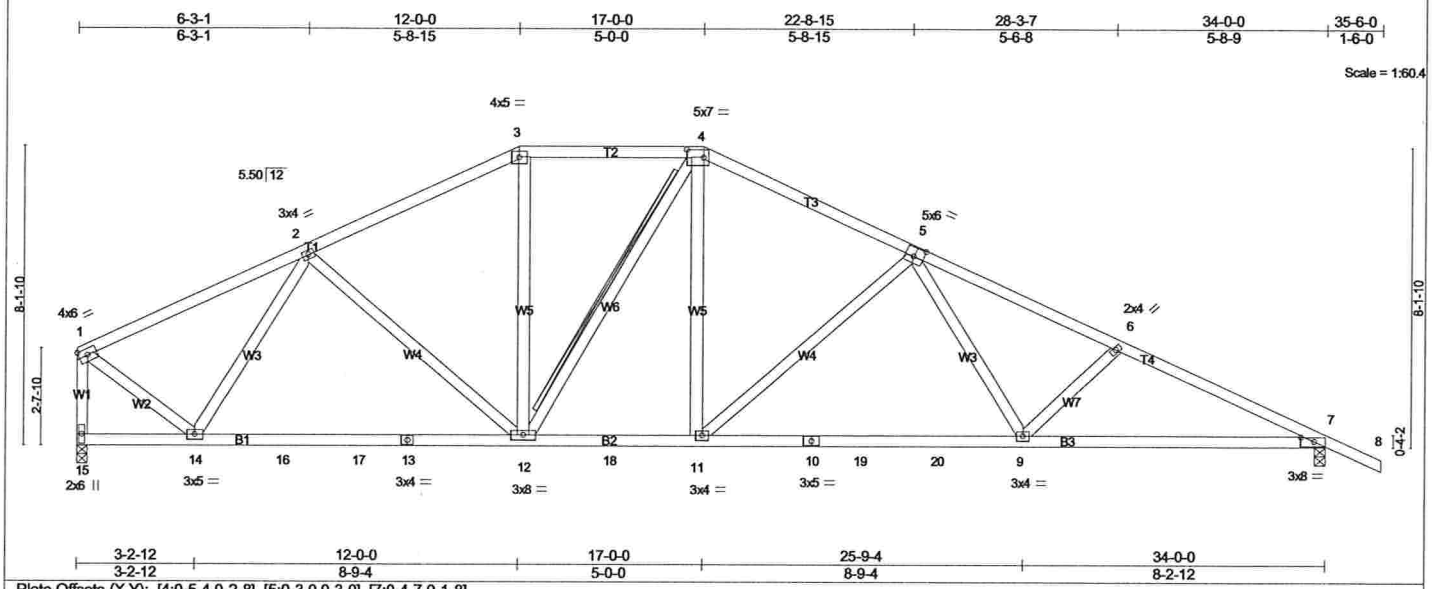

Plate Offsets (X,Y): [4:0-5-4,0-2-8], [5:0-3-0,0-3-0], [7:0-4-7,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	-0.23	9-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.59	Vert(TL)	-0.39	9-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(TL)	0.08	7	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.16	9-11	>999	240	Weight: 197 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-10-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-6-2 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 4-12
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 15=1223/0-1-8 (input: 0-3-8), 7=1284/0-1-8 (input: 0-3-8)
Max Horz 15=-219(LC 7)
Max Uplift15=-323(LC 6), 7=-454(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1066/690, 2-3=-1439/1070, 3-4=-1247/1039, 4-5=-1568/1149, 5-6=-2239/1522, 6-7=-2453/1618, 1-15=-1252/814
BOT CHORD 14-16=-576/1223, 16-17=-576/1223, 13-17=-576/1223, 12-13=-576/1223, 12-18=-548/1370, 11-18=-548/1370, 10-11=-959/1788, 10-19=-959/1788, 19-20=-959/1788, 9-20=-959/1788, 7-9=-1300/2159
WEBS 1-14=-626/1123, 2-14=-613/512, 3-12=-182/303, 4-12=-341/148, 4-11=-331/549, 5-11=-571/555, 5-9=-205/386, 6-9=-255/336

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 15=323, 7=454.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T18	HIP	1	1	302306028
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:05:19 2009 Page 1

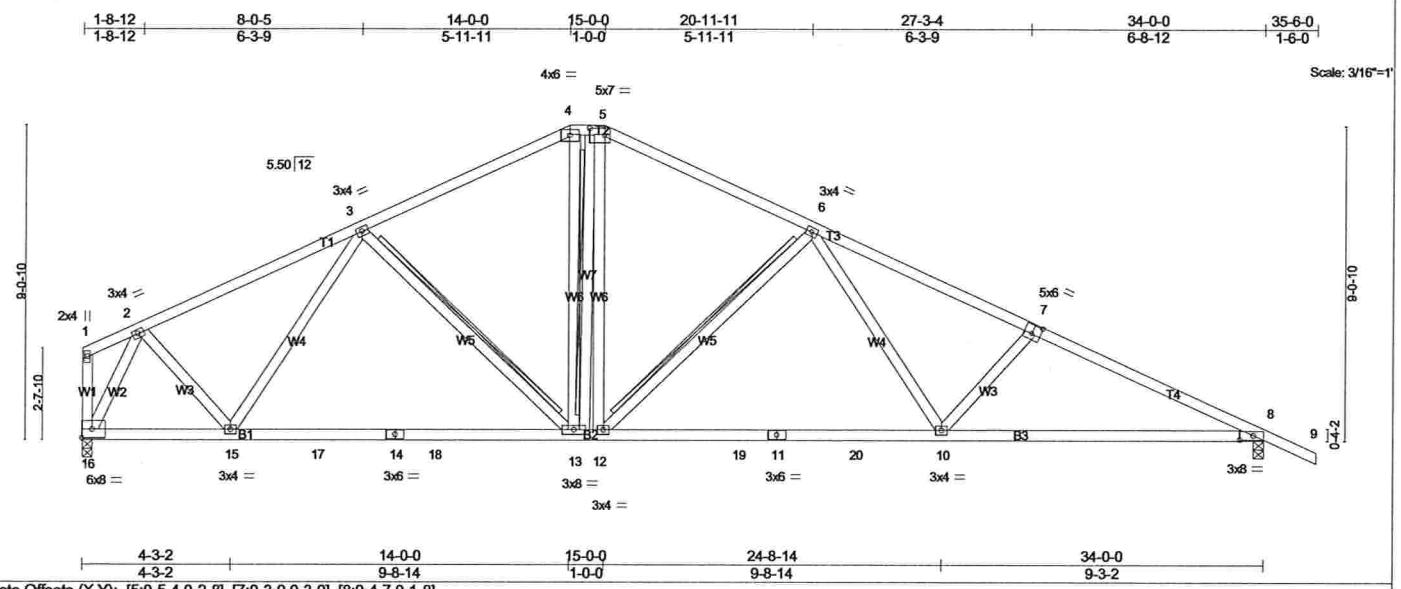

Plate Offsets (X,Y): [5:0-5-4,0-2-8], [7:0-3-0,0-3-0], [8:0-4-7,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	-0.33	10-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.69	Vert(TL)	-0.51	10-12	>788	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.50	Horz(TL)	0.09	8	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.17	10-12	>999	240	Weight: 211 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-7-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-13, 5-13, 6-12
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 8=1285/0-1-8 (input: 0-3-8), 16=1231/0-1-8 (input: 0-3-8)
Max Horz 16=-233(LC 7)
Max Uplift8=-464(LC 7), 16=-338(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1248/857, 3-4=-1392/1072, 4-5=-1202/1047, 5-6=-1401/1079, 6-7=-2194/1525, 7-8=-2427/1613
BOT CHORD 15-16=-218/624, 15-17=-598/1283, 14-17=-598/1283, 14-18=-598/1283, 13-18=-598/1283, 12-13=-427/1212, 12-19=-863/1663, 11-19=-863/1663, 11-20=-863/1663, 10-20=-863/1663, 8-10=-1284/2130
WEBS 2-15=-305/689, 3-15=-397/341, 3-13=-208/257, 4-13=-261/393, 5-13=-258/119, 5-12=-370/514, 6-12=-647/620, 6-10=-295/507, 7-10=-312/405, 2-16=-1453/1004

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=464, 16=338.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T19	COMMON	3	1	302306029
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:05:21 2009 Page 1

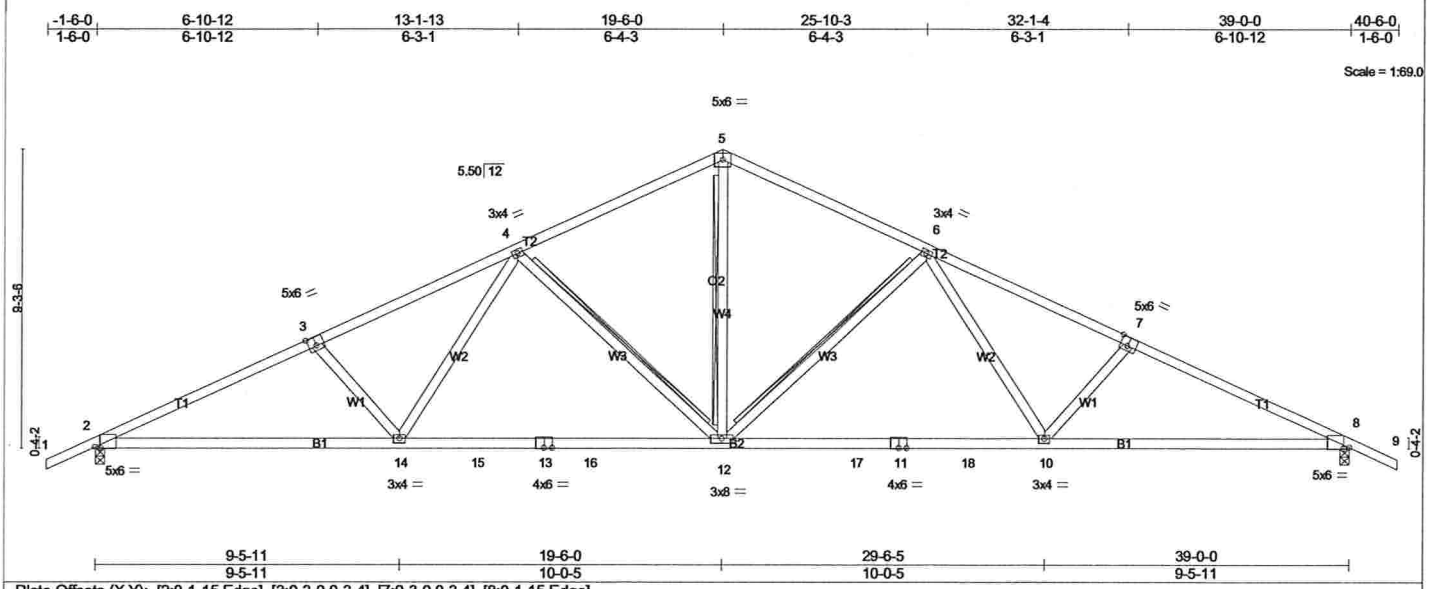

Plate Offsets (X,Y): [2:0-1-15,Edge], [3:0-3-0,0-3-4], [7:0-3-0,0-3-4], [8:0-1-15,Edge]

LOADING (psf)		SPACING 2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase 1.25	TC	0.49	Vert(LL)	-0.40	12-14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase 1.25	BC	0.74	Vert(TL)	-0.63	12-14	>739	240		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.37	Horz(TL)	0.15	8	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002	(Matrix)		Wind(LL)	0.27	12	>999	240	Weight: 197 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-4-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-0-10 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-12, 6-12, 4-12
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1467/0-1-12 (input: 0-3-8), 8=1467/0-1-12 (input: 0-3-8)
Max Horz 2=164(LC 6)
Max Uplift2=-509(LC 6), 8=-509(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2839/1899, 3-4=-2607/1818, 4-5=-1813/1365, 5-6=-1813/1365, 6-7=-2607/1818, 7-8=-2839/1899
BOT CHORD 2-14=-1539/2501, 14-15=-1128/2047, 13-15=-1128/2047, 13-16=-1128/2047, 12-16=-1128/2047, 12-17=-1128/2047, 11-17=-1128/2047, 11-18=-1128/2047, 10-18=-1128/2047, 8-10=-1539/2501
WEBS 5-12=-805/1130, 6-12=-660/625, 6-10=-294/502, 7-10=-310/404, 4-12=-660/625, 4-14=-294/502, 3-14=-310/404

NOTES (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=509, 8=509.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T20	COMMON	2	1	302306030
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:05:22 2009 Page 1

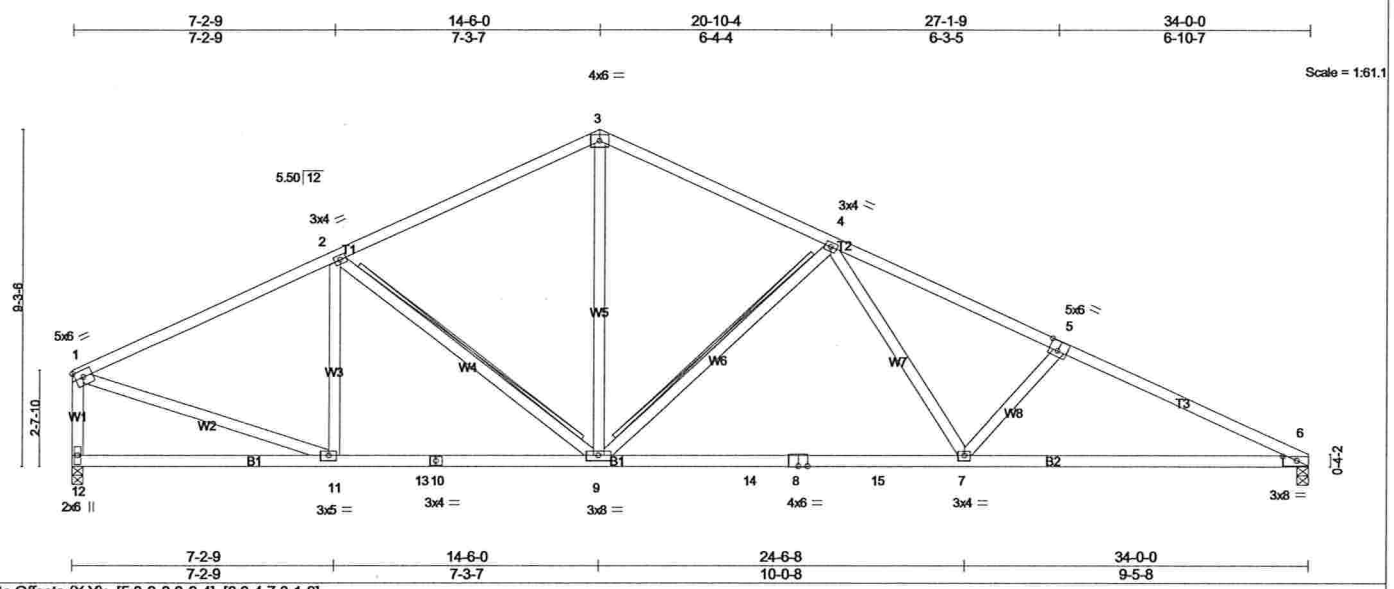

Plate Offsets (X,Y): [5:0-3-0,0-3-4], [6:0-4-7,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	-0.37	7-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.73	Vert(TL)	-0.56	7-9	>722	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(TL)	0.08	6	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.18	6-7	>999	240	Weight: 183 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-7-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-3-2 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 2-9, 4-9
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 12=1206/0-1-8 (input: 0-3-8), 6=1186/0-1-8 (input: 0-3-8)
Max Horz 12=-195(LC 7)
Max Uplift12=-342(LC 6), 6=-373(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1484/1033, 2-3=-1372/1071, 3-4=-1356/1077, 4-5=-2186/1560, 5-6=-2423/1649, 1-12=-1172/859
BOT CHORD 11-13=-684/1287, 10-13=-684/1287, 9-10=-684/1287, 9-14=-940/1644, 8-14=-940/1644, 8-15=-940/1644, 7-15=-940/1644, 6-7=-1389/2129
WEBS 2-11=-287/316, 2-9=-261/256, 3-9=-543/732, 4-9=-676/634, 4-7=-327/536, 5-7=-327/437, 1-11=-834/1304

NOTES (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=342, 6=373.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T21	COMMON	4	1	302306031
					Job Reference (optional)

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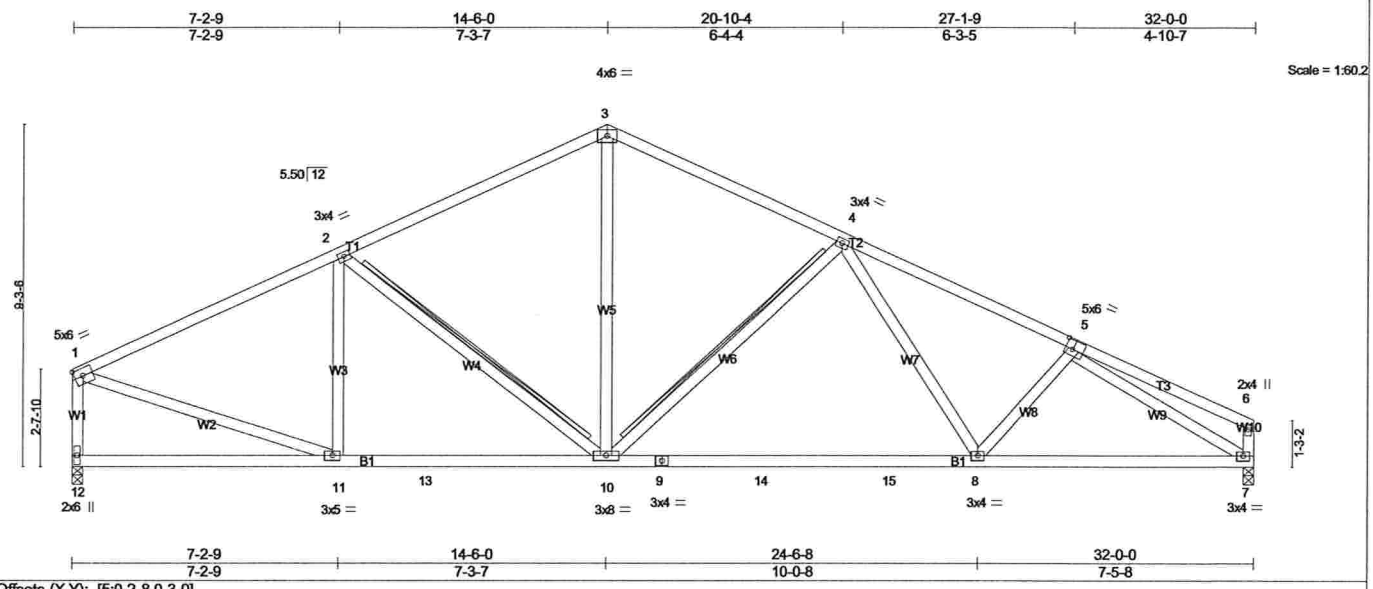

Plate Offsets (X,Y): [5:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	-0.33	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.59	Vert(TL)	-0.51	8-10	>748	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.97	Horz(TL)	0.06	7	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.12	8-10	>999	240	Weight: 186 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1,W10: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-7-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-3-6 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 2-10, 4-10
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 12=1135/0-1-8 (input: 0-3-8), 7=1128/0-1-8 (input: 0-3-8)
Max Horz 12=-153(LC 7)
Max Uplift12=-326(LC 6), 7=-344(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1386/963, 2-3=-1248/982, 3-4=-1233/990, 4-5=-1731/1230, 1-12=-1101/808
BOT CHORD 11-13=-687/1198, 10-13=-687/1198, 9-10=-837/1404, 9-14=-837/1404, 14-15=-837/1404, 8-15=-837/1404, 7-8=-996/1506
WEBS 2-11=-258/295, 2-10=-277/279, 3-10=-474/633, 4-10=-520/513, 1-11=-768/1211, 5-7=-1733/1121

NOTES (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=326, 7=344.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T22	HIP	1	1	302306032
					Job Reference (optional)

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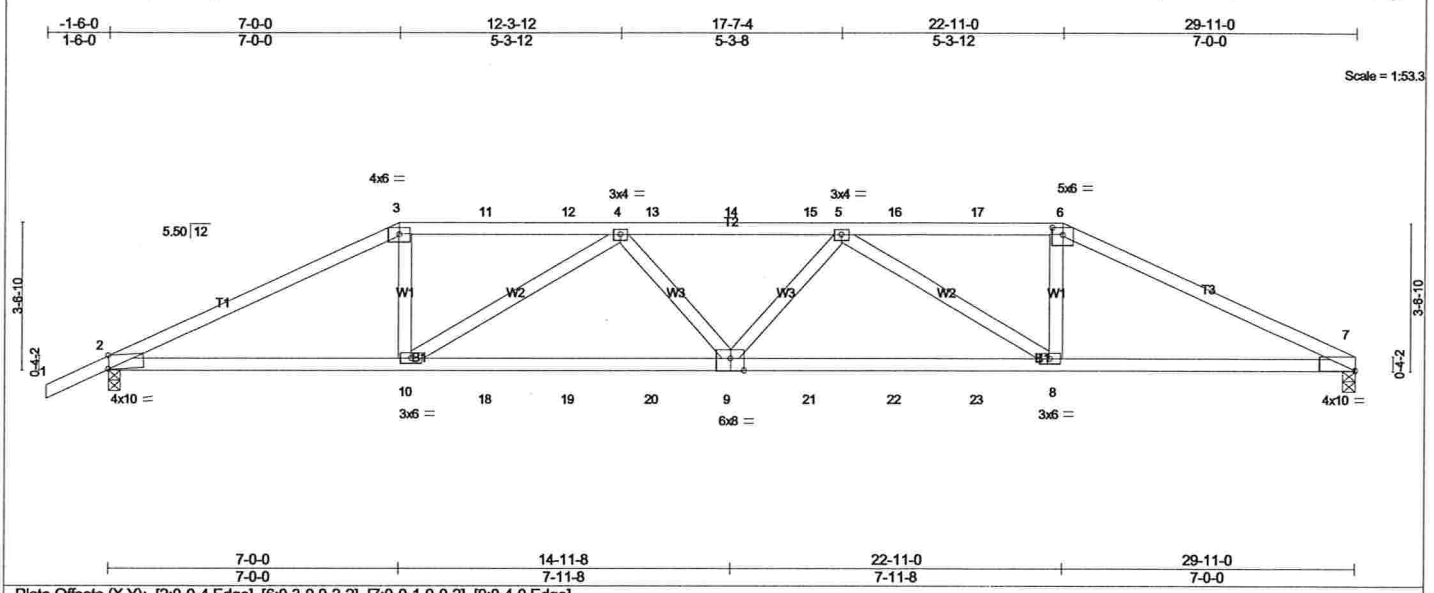

Plate Offsets (X,Y): [2:0-0-4,Edge], [6:0-3-0,0-2-2], [7:0-0-1,0-0-2], [9:0-4-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.82	Vert(LL)	-0.32	9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.84	Vert(TL)	-0.66	9-10	>537	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.95	Horz(TL)	0.19	7	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.43	9	>836	240	Weight: 132 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except*
T3: 2 X 4 SYP No.1D
BOT CHORD 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-4-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 3-11-13 oc bracing.

REACTIONS (lb/size) 7=1912/0-2-4 (input: 0-3-8), 2=2006/0-2-6 (input: 0-3-8)
Max Horz 2=90(LC 5)
Max Uplift7=-1157(LC 6), 2=-1251(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4082/2517, 3-11=-3665/2339, 11-12=-3665/2339, 4-12=-3664/2339, 4-13=-4883/2837, 13-14=-4883/2837, 14-15=-4883/2837, 5-15=-4883/2837, 5-16=-3680/2354, 16-17=-3680/2354, 6-17=-3681/2354, 6-7=-4095/2517
BOT CHORD 2-10=-2243/3616, 10-18=-2820/4790, 18-19=-2820/4790, 19-20=-2820/4790, 9-20=-2820/4790, 9-21=-2809/4793, 21-22=-2809/4793, 22-23=-2809/4793, 8-23=-2809/4793, 7-8=-2217/3632
WEBS 3-10=-631/1121, 4-10=-1418/695, 4-9=0/343, 5-9=0/341, 5-8=-1409/685, 6-8=-629/1118

NOTES (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=1157, 2=1251.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 231 lb down and 277 lb up at 7-0-0, 108 lb down and 99 lb up at 9-0-12, 108 lb down and 99 lb up at 11-0-12, 108 lb down and 99 lb up at 13-0-12, 108 lb down and 99 lb up at 14-11-8, 108 lb down and 99 lb up at 16-10-4, 108 lb down and 99 lb up at 18-10-4, and 108 lb down and 99 lb up at 20-10-4, and 231 lb down and 277 lb up at 22-11-0 on top chord, and 274 lb down and 332 lb up at 7-0-0, 66 lb down at 9-0-12, 66 lb down at 11-0-12, 66 lb down at 13-0-12, 66 lb down at 14-11-8, 66 lb down at 16-10-4, 66 lb down at 18-10-4, and 66 lb down at 20-10-4, and 274 lb down and 332 lb up at 22-10-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-6=-54, 6-7=-54, 2-7=-10
Concentrated Loads (lb)
Vert: 3=-231(B) 6=-231(B) 9=-35(B) 10=-236(B) 8=-236(B) 11=-108(B) 12=-108(B) 13=-108(B) 14=-108(B) 15=-108(B) 16=-108(B) 17=-108(B) 18=-35(B) 19=-35(B) 20=-35(B) 21=-35(B) 22=-35(B) 23=-35(B)

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T23	KINGPOST	1	1	302306033
					Job Reference (optional)

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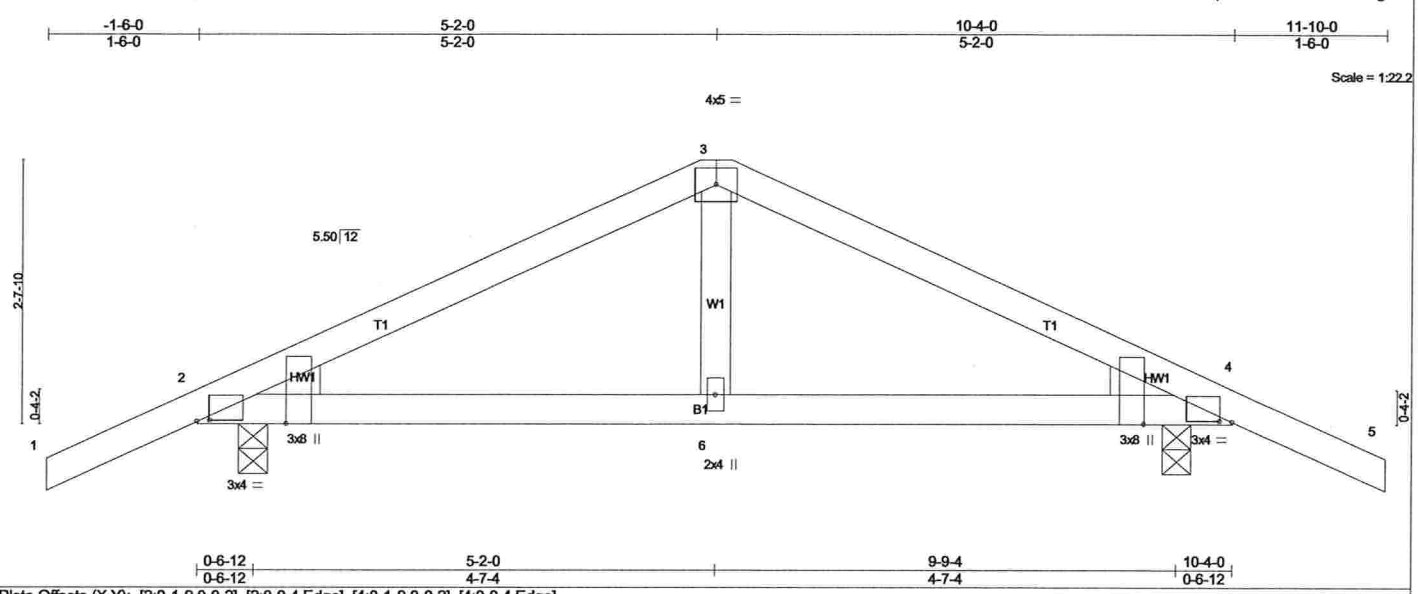

Plate Offsets (X,Y): [2:0-1-9,0-0-2], [2:0-0-4,Edge], [4:0-1-9,0-0-2], [4:0-0-4,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	-0.02	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.69	Vert(TL)	-0.04	2-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.13	Horz(TL)	-0.02	4	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.05	2-6	>999	240	Weight: 42 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
WEDGE
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-4-0 oc bracing.

REACTIONS (lb/size) 2=601/0-1-8 (input: 0-3-8), 4=601/0-1-8 (input: 0-3-8)
Max Horz 2=66(LC 5)
Max Uplift2=-718(LC 5), 4=-718(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-883/1146, 3-4=-883/1145
BOT CHORD 2-6=-985/742, 4-6=-985/742
WEBS 3-6=-372/399

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); cantilever left and right exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=718, 4=718.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 377 lb down and 514 lb up at 5-2-0 on top chord, and 112 lb down and 112 lb up at 5-0-0, and 112 lb down and 112 lb up at 5-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 2-4=-10, 1-3=-54, 3-5=-54
Concentrated Loads (lb)
Vert: 3=-297(F) 6=-86(F)

Job	Truss	Truss Type	Qty	Ply	GIEBIEG HOMES - CROFT RES.
302306	T24	COMMON	1	1	302306034
					Job Reference (optional)

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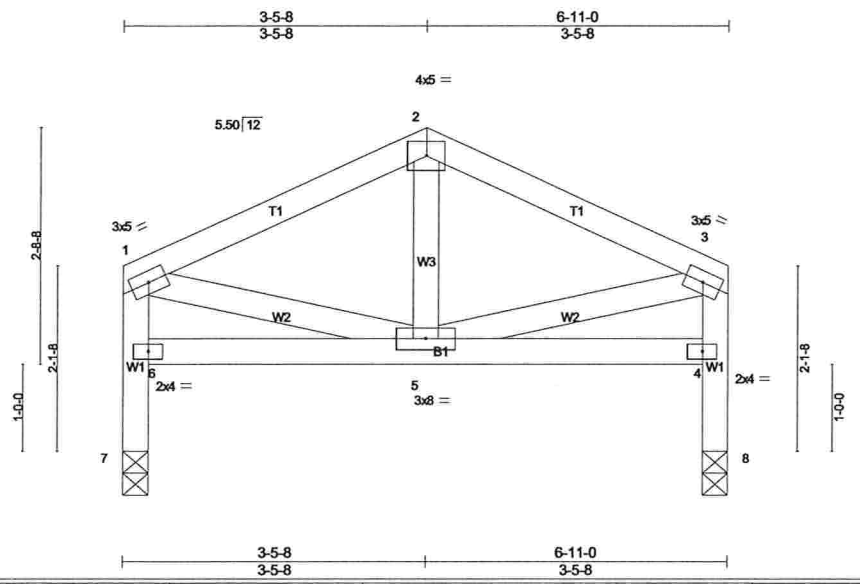


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.13	Vert(LL)	-0.00	4-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	-0.01	8	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.01	4-5	>999	240	Weight: 39 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 7=212/0-1-8 (input: 0-3-8), 8=212/0-1-8 (input: 0-3-8)
Max Horz 7=-23(LC 7)
Max Uplift7=-169(LC 6), 8=-169(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-215/455, 2-3=-215/455, 6-7=-212/484, 1-6=-195/375, 4-8=-212/484, 3-4=-195/375
WEBS 1-5=-258/125, 3-5=-258/125

NOTES (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 7, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=169, 8=169.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

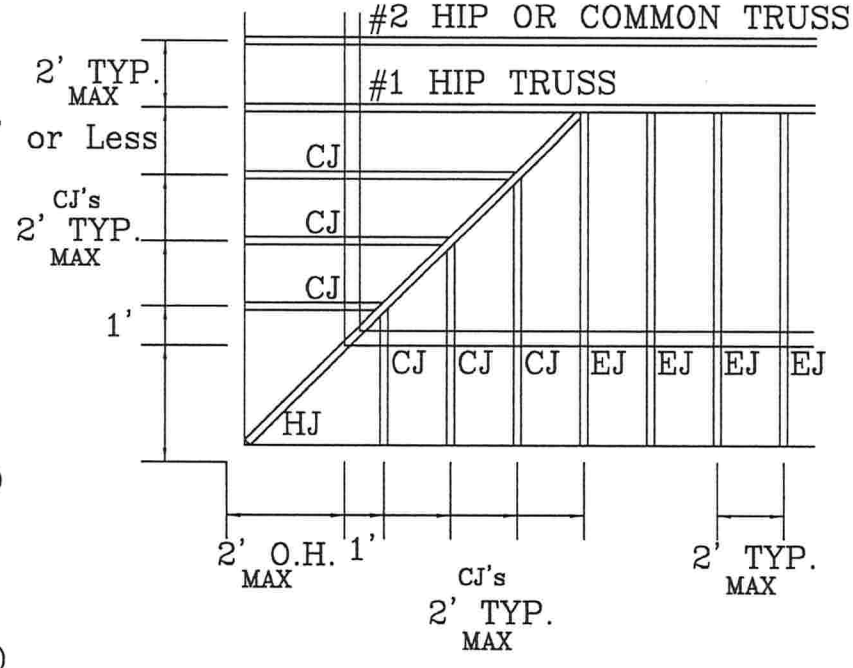
LOAD CASE(S) Standard

STEPDOWN CORNER SET

TOP CHORD 2X4 SO. PINE #2 or Better
BOT CHORD 2X4 SO. PINE #2 or Better
WEBS 2X4 SO. PINE #3 or Better

120 MPH MAX

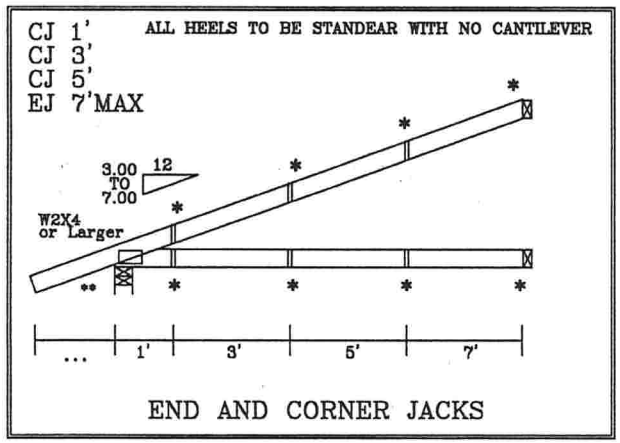
Setback 7' or Less



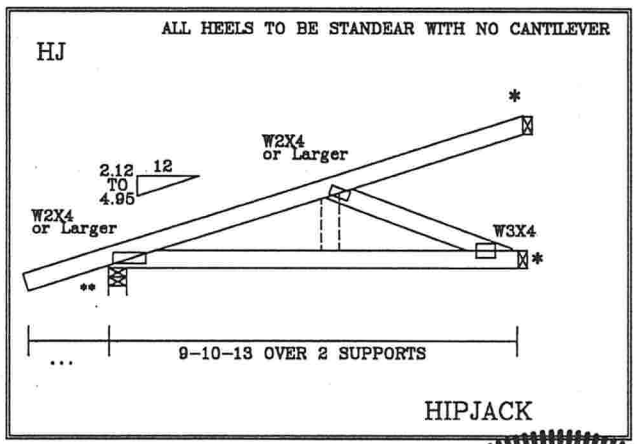
PROVIDE UPLIFT CONNECTIONS AT BEARINGS AS INDICATED.
UPLIFT: 400# or Less
BRG LOC: *
UPLIFT BASED ON 7.2 PSF TOTAL DEAD LOAD. WIND SPEED=120 "C" MPH. MEAN HGT=28 FT. ENCLOSED. (ASCE 7-02)

PROVIDE UPLIFT CONNECTIONS AT BEARINGS AS INDICATED. TILE
UPLIFT: 400# or Less
BRG LOC: *
UPLIFT BASED ON 15.0 PSF TOTAL DEAD LOAD. WIND SPEED=120 "C" MPH. MEAN HGT (of jacks)=28 FT. ENCLOSED. (ASCE 7-02)

PROVIDE UPLIFT CONNECTIONS AT BEARINGS AS INDICATED.
UPLIFT: 400# or Less
BRG LOC: *
UPLIFT BASED ON 7.2 PSF TOTAL DEAD LOAD. WIND SPEED=120 "B" MPH. MEAN HGT (of jacks)=28 FT. ENCLOSED. (ASCE 7-02)



END AND CORNER JACKS



HIPJACK

* (3) 16d TOENAILS

** SEE EOR FOR TIE DOWN

UPLIFT VALUES DO TAKE INTO ACCOUNT PORCHES EXPOSED
BC LIVE LOAD IS NON CONCURRENT 10*

SHINGLE			
TC	LL	20	MAX PSF
TC	DL	7	MAX PSF
BC	LL	10*	MAX PSF
BC	DL	5	MAX PSF
TILE			
TC	LL	20	MAX PSF
TC	DL	20	MAX PSF
BC	LL	10*	MAX PSF
BC	DL	5	MAX PSF
DUR. FAC.		1.25	
SPACING		2'	MAX

REF	7'MAX STBK CS
DATE	Jun./27/2008
DRWG	
-ENG	

REVIEWED
By julius lee at 10:52 am, Jun 27, 2008

CORNER SET SETBACK
7'0" MAX

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W,K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

JULIUS LEE
CONS. ENGINEERS, P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

STATE OF FLORIDA
NO. 54869
PROFESSIONAL ENGINEER

ASCE 7-02: 130 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING	SPECIES	BRACE GRADE	NO BRACES	(1) 1X4 "L" BRACE * GROUP A	(1) 1X4 "L" BRACE * GROUP B	(1) 2X4 "L" BRACE * GROUP A	(1) 2X4 "L" BRACE * GROUP B	(2) 2X4 "L" BRACE ** GROUP A	(2) 2X4 "L" BRACE ** GROUP B	(1) 2X6 "L" BRACE * GROUP A	(1) 2X6 "L" BRACE * GROUP B	(2) 2X6 "L" BRACE ** GROUP A	(2) 2X6 "L" BRACE ** GROUP B
24" O.C.	SPF HF	#1 / #2	3' 4"	5' 10"	6' 0"	6' 11"	7' 1"	8' 3"	8' 6"	10' 10"	11' 2"	12' 11"	13' 3"
		#3	3' 3"	4' 11"	4' 11"	6' 6"	6' 6"	8' 3"	8' 3"	10' 1"	10' 1"	12' 11"	12' 11"
		STUD	3' 3"	4' 11"	4' 11"	6' 5"	6' 5"	8' 3"	8' 3"	10' 0"	10' 0"	12' 11"	12' 11"
		STANDARD	3' 3"	4' 2"	4' 2"	5' 6"	5' 6"	7' 5"	7' 5"	8' 8"	8' 8"	11' 6"	11' 6"
	SP DFL	#1	3' 8"	5' 10"	6' 3"	6' 11"	7' 5"	8' 3"	8' 11"	10' 10"	11' 8"	12' 11"	13' 11"
		#2	3' 7"	5' 10"	6' 3"	6' 11"	7' 5"	8' 3"	8' 11"	10' 10"	11' 8"	12' 11"	13' 11"
		#3	3' 6"	5' 0"	6' 0"	6' 8"	6' 8"	8' 3"	8' 8"	10' 4"	10' 4"	12' 11"	13' 7"
		STUD	3' 6"	5' 0"	5' 0"	6' 7"	6' 7"	8' 3"	8' 8"	10' 3"	10' 3"	12' 11"	13' 7"
		STANDARD	3' 4"	4' 3"	4' 3"	5' 8"	5' 8"	7' 8"	7' 8"	8' 10"	8' 10"	12' 0"	12' 0"
16" O.C.	SPF HF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 6"	9' 8"	12' 6"	12' 9"	14' 0"	14' 0"
		#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 6"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STANDARD	3' 9"	5' 2"	5' 2"	6' 10"	6' 10"	9' 2"	9' 2"	10' 7"	10' 7"	14' 0"	14' 0"
	SP DFL	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 2"	9' 6"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
		STUD	4' 0"	5' 1"	6' 1"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 5"	14' 0"	14' 0"
		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
12" O.C.	SPF HF	#1 / #2	4' 3"	7' 4"	7' 7"	8' 9"	8' 11"	10' 5"	10' 8"	13' 8"	14' 0"	14' 0"	14' 0"
		#3	4' 2"	6' 11"	6' 11"	8' 9"	8' 9"	10' 5"	10' 5"	13' 8"	13' 6"	14' 0"	14' 0"
		STUD	4' 2"	6' 11"	6' 11"	8' 9"	8' 9"	10' 5"	10' 5"	15' 8"	13' 6"	14' 0"	14' 0"
		STANDARD	4' 2"	6' 11"	6' 11"	7' 10"	7' 10"	10' 6"	10' 6"	12' 3"	12' 3"	14' 0"	14' 0"
	SP DFL	#1	4' 8"	7' 4"	7' 11"	8' 9"	9' 5"	10' 5"	11' 2"	13' 8"	14' 0"	14' 0"	14' 0"
		#2	4' 7"	7' 4"	7' 11"	8' 9"	9' 5"	10' 5"	11' 2"	13' 8"	14' 0"	14' 0"	14' 0"
		#3	4' 4"	7' 2"	7' 2"	8' 9"	9' 2"	10' 5"	10' 11"	13' 5"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	7' 1"	7' 1"	8' 9"	9' 2"	10' 5"	10' 11"	13' 8"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 3"	6' 1"	6' 1"	8' 0"	8' 0"	10' 5"	10' 8"	12' 6"	12' 6"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

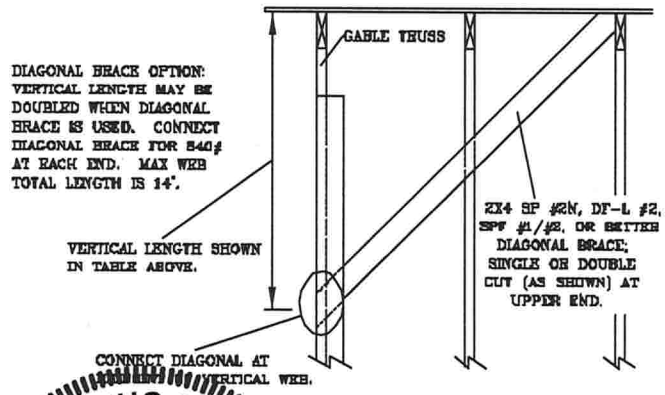
SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

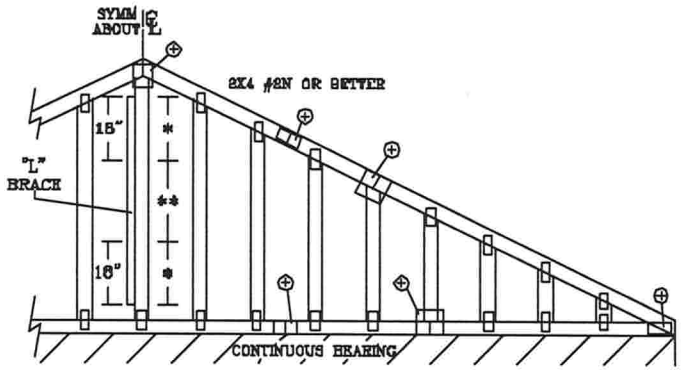
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE	DOUGLAS FIR-LARCH
#1	#1
#2	#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 136 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 8"	2X4
GREATER THAN 11' 8"	2.5X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR, SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REVIEWED
By julius lee at 12:00 pm, Jun 11, 2008

JULIUS LEE'S CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

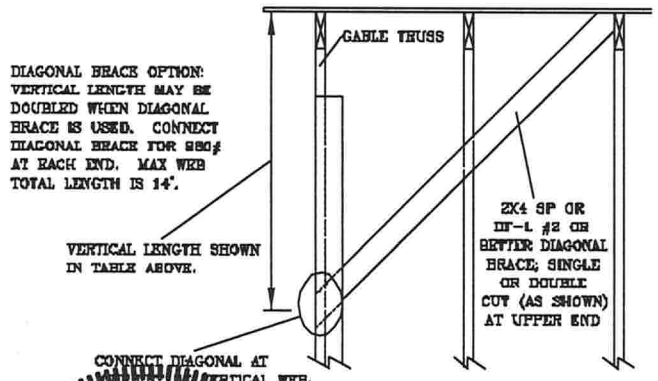
MAX. SPACING 24.0"

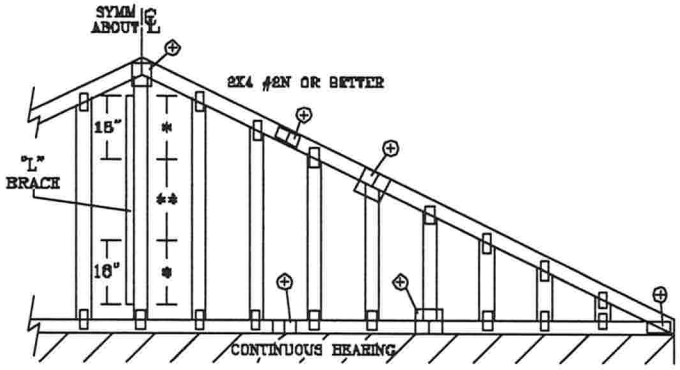
REF	ASCE7-02-GAB13015
DATE	11/26/03
DRWG	MITEK STD GABLE 15 E HT
	-ENG

ASCE 7-02: 130 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING	SPECIES	BRACE GRADE	NO BRACES	(1) 1X4 "L" BRACE *		(1) 2X4 "L" BRACE *		(2) 2X4 "L" BRACE **		(1) 2X6 "L" BRACE *		(2) 2X6 "L" BRACE **	
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
24" O.C.	SPF HF	#1 / #2	3' 2"	5' 6"	6' 8"	6' 6"	6' 9"	7' 10"	8' 0"	10' 3"	10' 7"	12' 3"	12' 7"
		#3	3' 1"	4' 5"	4' 5"	6' 10"	5' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"
		STUD	3' 1"	4' 6"	4' 5"	5' 10"	5' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"
		STANDARD	2' 11"	3' 9"	3' 9"	6' 0"	5' 0"	6' 9"	6' 9"	7' 10"	7' 10"	10' 7"	10' 7"
	SP DFL	#1	3' 8"	5' 8"	5' 11"	6' 8"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"
		#2	3' 6"	5' 6"	5' 11"	6' 6"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"
		#3	3' 3"	4' 6"	4' 6"	6' 0"	6' 0"	7' 10"	8' 1"	9' 4"	9' 4"	12' 3"	12' 6"
		STUD	3' 3"	4' 6"	4' 6"	5' 11"	5' 11"	7' 10"	8' 0"	9' 3"	9' 3"	12' 3"	12' 6"
		STANDARD	3' 0"	3' 10"	3' 10"	5' 1"	5' 1"	6' 11"	6' 11"	8' 0"	8' 0"	10' 10"	10' 10"
16" O.C.	SPF HF	#1 / #2	3' 8"	6' 4"	6' 6"	7' 6"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"
		#3	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 2"	11' 2"	14' 0"	14' 0"
		STUD	3' 7"	5' 5"	6' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"
		STANDARD	3' 7"	4' 6"	4' 6"	6' 2"	6' 2"	8' 3"	8' 3"	9' 7"	9' 7"	12' 11"	12' 11"
	SP DFL	#1	4' 0"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#2	3' 11"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#3	3' 9"	5' 7"	6' 7"	7' 4"	7' 4"	8' 11"	9' 6"	11' 5"	11' 6"	14' 0"	14' 0"
		STUD	3' 8"	5' 6"	5' 6"	7' 3"	7' 3"	8' 11"	9' 5"	11' 4"	11' 4"	14' 0"	14' 0"
		STANDARD	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	9' 9"	13' 3"	13' 3"
12" O.C.	SPF HF	#1 / #2	4' 0"	6' 11"	7' 2"	8' 3"	8' 6"	9' 10"	10' 1"	12' 11"	13' 4"	14' 0"	14' 0"
		#3	3' 11"	6' 3"	6' 3"	8' 3"	8' 3"	9' 10"	9' 10"	12' 11"	12' 11"	14' 0"	14' 0"
		STUD	3' 11"	6' 3"	6' 3"	8' 3"	8' 3"	9' 10"	9' 10"	12' 10"	12' 10"	14' 0"	14' 0"
		STANDARD	3' 11"	5' 4"	5' 4"	7' 1"	7' 1"	9' 6"	9' 6"	11' 1"	11' 1"	14' 0"	14' 0"
	SP DFL	#1	4' 5"	6' 11"	7' 6"	8' 3"	8' 11"	9' 10"	10' 7"	12' 11"	13' 11"	14' 0"	14' 0"
		#2	4' 4"	6' 11"	7' 6"	8' 3"	8' 11"	9' 10"	10' 7"	12' 11"	13' 11"	14' 0"	14' 0"
		#3	4' 2"	6' 6"	6' 5"	8' 3"	8' 6"	9' 10"	10' 4"	12' 11"	13' 3"	14' 0"	14' 0"
		STUD	4' 2"	6' 4"	6' 4"	8' 3"	8' 5"	9' 10"	10' 4"	12' 11"	13' 1"	14' 0"	14' 0"
		STANDARD	4' 0"	5' 8"	5' 8"	7' 3"	7' 3"	9' 9"	9' 9"	11' 4"	11' 4"	14' 0"	14' 0"





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	
#1 / #2	STANDARD
#3	STUD

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

SOUTHERN PINE
#3
STUD
STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#2

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 180 PLF OVER CONTINUOUS BEARING (6 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 8"	2X4
GREATER THAN 11' 8"	2.5X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

WARNING!! TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REVIEWED
By julius lee at 12:00 pm, Jun 11, 2008

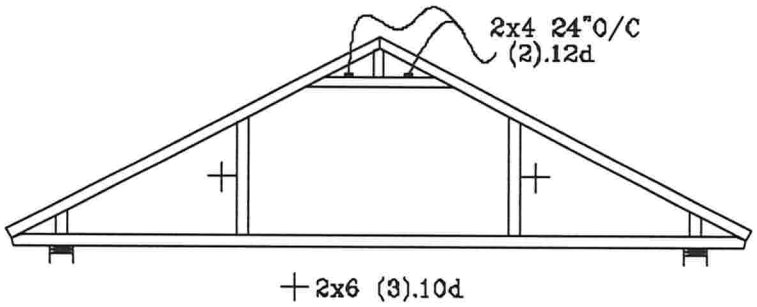
JULIUS LEE'S
CONS. ENGINEERS P.A.
1456 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161
No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

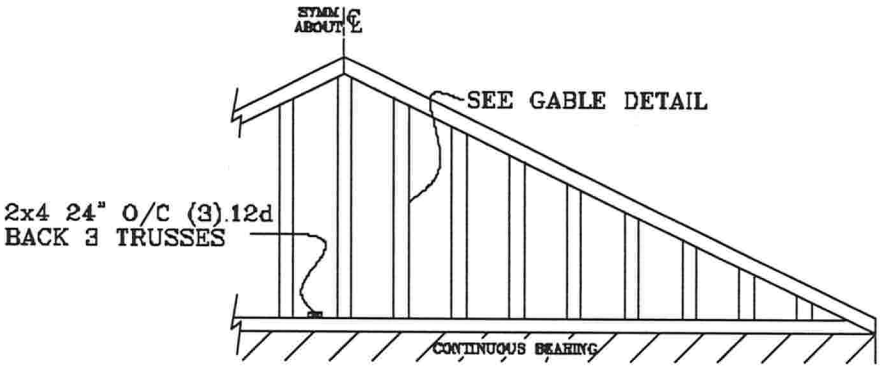
MAX. SPACING 24.0"

REF ASCE7-02-GAB13030
DATE 11/26/03
DWG MITEK STD GABLE 30' E HT
-ENG

TYPICAL ATTIC TRUSS BRACING

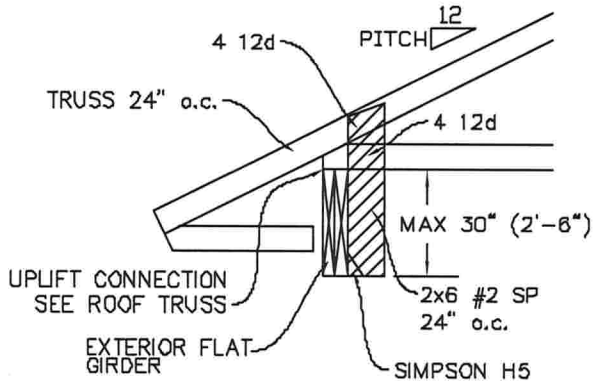


GABLE END TRUSS DETAIL



MINIMUM BC BRACING ON GABLE TRUSS. OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR EOR

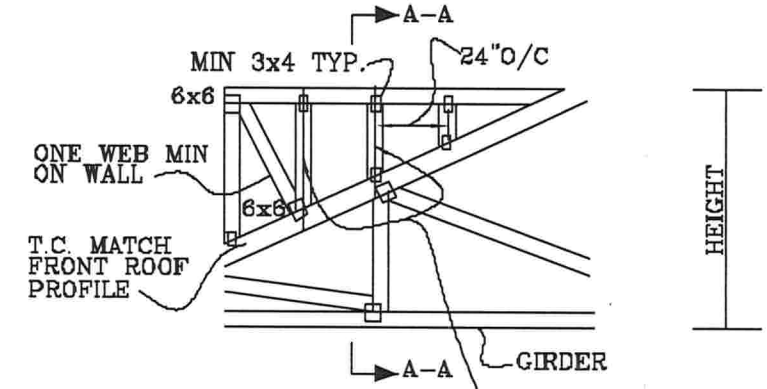
TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS

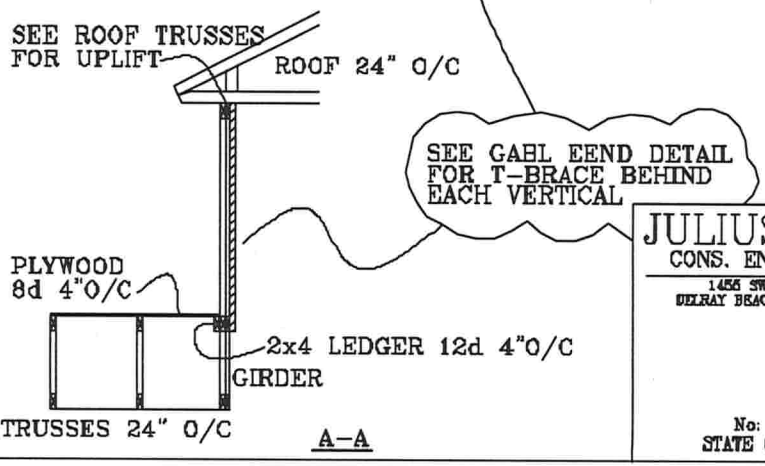


REVIEWED
By julius lee at 11:59 am, Jun 11, 2008

JULIUS LEE
LICENSE
NO. 34869
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL





JULIUS LEE'S
CONS. ENGINEERS P.A.
1456 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

PIGGYBACK DETAIL

TOP CHORD 2X4 #2 OR BETTER
BOT CHORD 2X4 #2 OR BETTER
WEBS 2X4 #3 OR BETTER

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, 1 MI FROM COAST CAT I, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

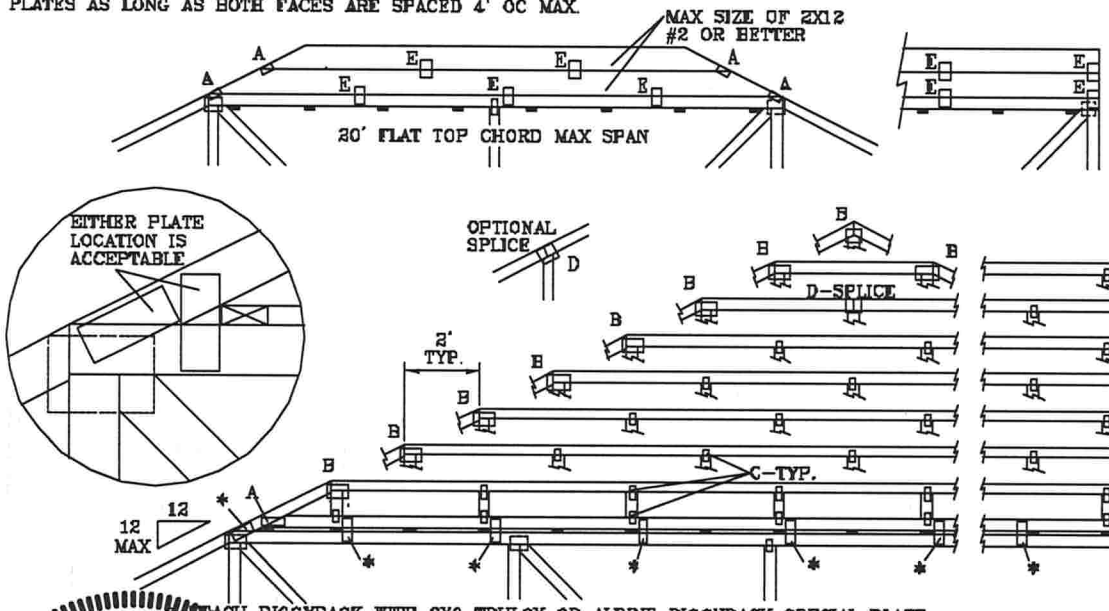
110 MPH WIND, 30' MEAN HGT, FBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF

130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=6 PSF, WIND BC DL=6 PSF

FRONT FACE (E,*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.

JOINT TYPE	SPANS UP TO			
	30'	34'	38'	62'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

ATTACH TRULOX PLATES WITH (6) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

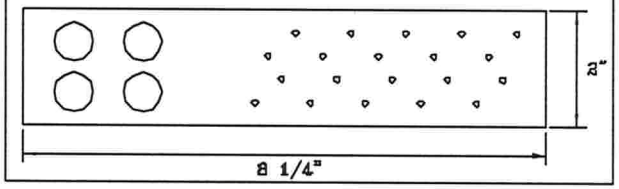


ATTACH PIGGYBACK WITH 3X6 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.

WEB BRACING CHART	
WEB LENGTH	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d NAILS AT 4" OC.
10' TO 14'	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d NAILS AT 4" OC.

* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.



THIS DRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

REVIEWED
By julius lee at 11:59 am, Jun 11, 2008

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 537719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 537190 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S CONS. ENGINEERS P.A.
1466 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161

No: 34869
STATE OF FLORIDA

MAX LOADING
55 PSF AT 1.33 DUR. FAC.
50 PSF AT 1.25 DUR. FAC.
47 PSF AT 1.15 DUR. FAC.
SPACING 24.0"

REF PIGGYBACK
DATE 09/12/07
DRWG MITEK STD PIGGY
-ENG JL

VALLEY TRUSS DETAIL

TOP CHORD 2X4 SP #2 OR SPF #1/#2 OR BETTER.
BOT CHORD 2X3(*) OR 2X4 SP #2N OR SPF #1/#2 OR BETTER.
WEBS 2X4 SP #3 OR BETTER.

* 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).

** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH:
(2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR FBC 2004 110 MPH, ASCE 7-02 110 MPH WIND OR (3) 16d FOR ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF.

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING, EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9".

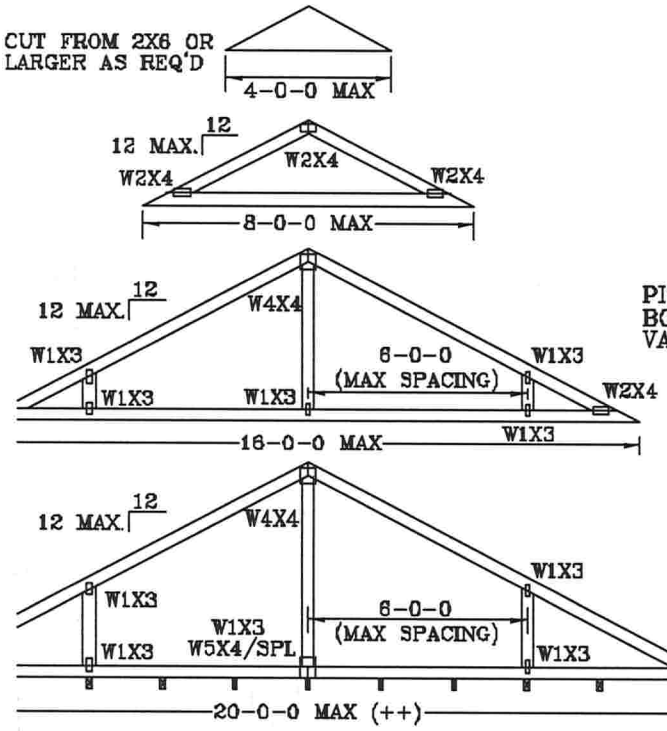
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH:
PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION
OR
PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN
OR
BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON ENGINEERS' SEALED DESIGN.

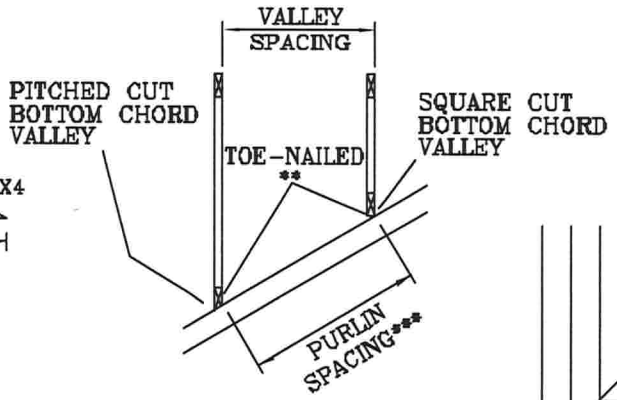
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

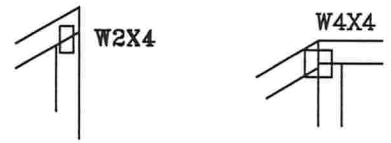
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

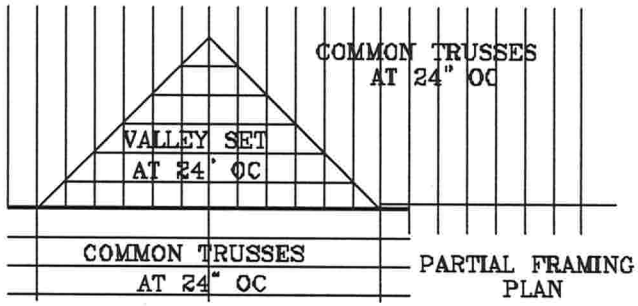
BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.



SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.







THIS DRAWING REPLACES DRAWING A105

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REVIEWED
By julius lee at 11:59 am, Jun 11, 2008

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161

No: 34869
STATE OF FLORIDA

TC LL	20	20	PSF
TC DL	7	15	PSF
BC DL	5	5	PSF
BC LL	0	0	PSF
TOT. LD.	32	40	PSF
DUR.FAC.	1.25	1.25	
SPACING		24"	

REF	VALLEY DETAIL
DATE	11/26/03
DRWG	VALTRUSS1103
-ENG	JL

TOE-NAIL DETAIL

TOE-NAILS TO BE DRIVEN AT AN ANGLE OF APPROXIMATELY THIRTY DEGREES WITH THE PIECE AND STARTED APPROXIMATELY ONE-THIRD THE LENGTH OF THE NAIL FROM THE END OF THE MEMBER.

PER ANSI/AF&PA NDS-2001 SECTION 12.4.1 - EDGE DISTANCE, END DISTANCE, SPACING: "EDGE DISTANCES, END DISTANCES AND SPACINGS FOR NAILS AND SPIKES SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD."

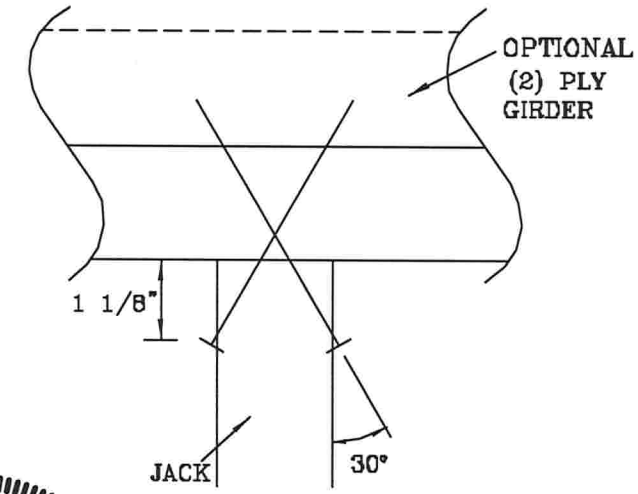
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

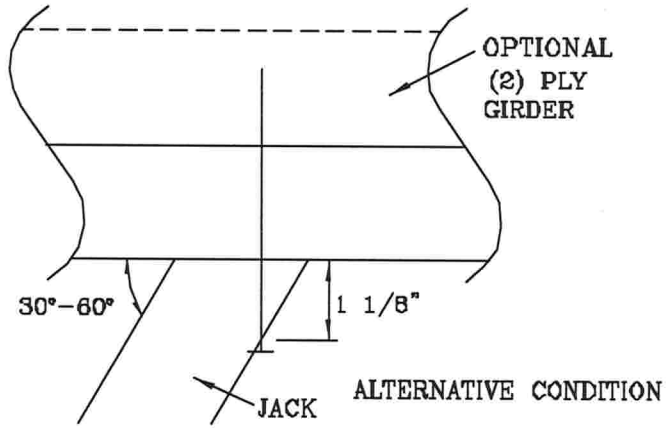
THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

MAXIMUM VERTICAL RESISTANCE OF 16d (0.162"X3.5") COMMON TOE-NAILS

NUMBER OF TOE-NAILS	SOUTHERN PINE		DOUGLAS FIR-LARCH		HEM-FIR		SPRUCE PINE FIR	
	1 PLY	2 PLIES	1 PLY	2 PLIES	1 PLY	2 PLIES	1 PLY	2 PLIES
2	197#	256#	181#	234#	156#	203#	154#	199#
3	296#	383#	271#	351#	234#	304#	230#	298#
4	394#	511#	361#	468#	312#	406#	307#	397#
5	493#	639#	452#	585#	390#	507#	384#	496#

ALL VALUES MAY BE MULTIPLIED BY APPROPRIATE DURATION OF LOAD FACTOR.





ALTERNATIVE CONDITION

THIS DRAWING REPLACES DRAWING 784040

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

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No: 34869
STATE OF FLORIDA

TC LL	PSF	REF	TOE-NAIL
TC DL	PSF	DATE	09/12/07
BC DL	PSF	DRWG	CNTONAIL1103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.	1.00		
SPACING			

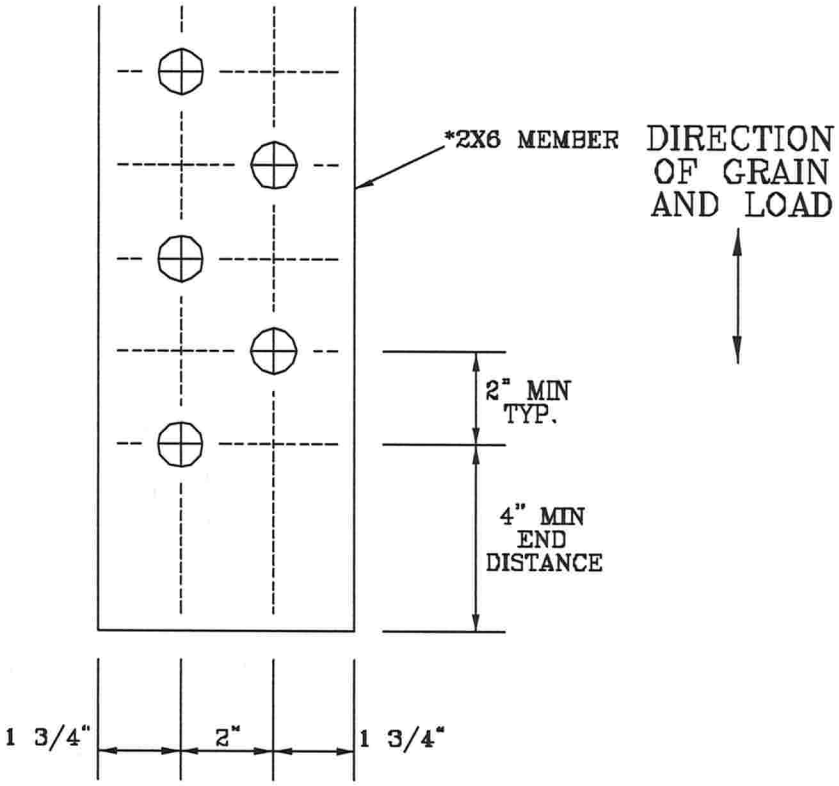
1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

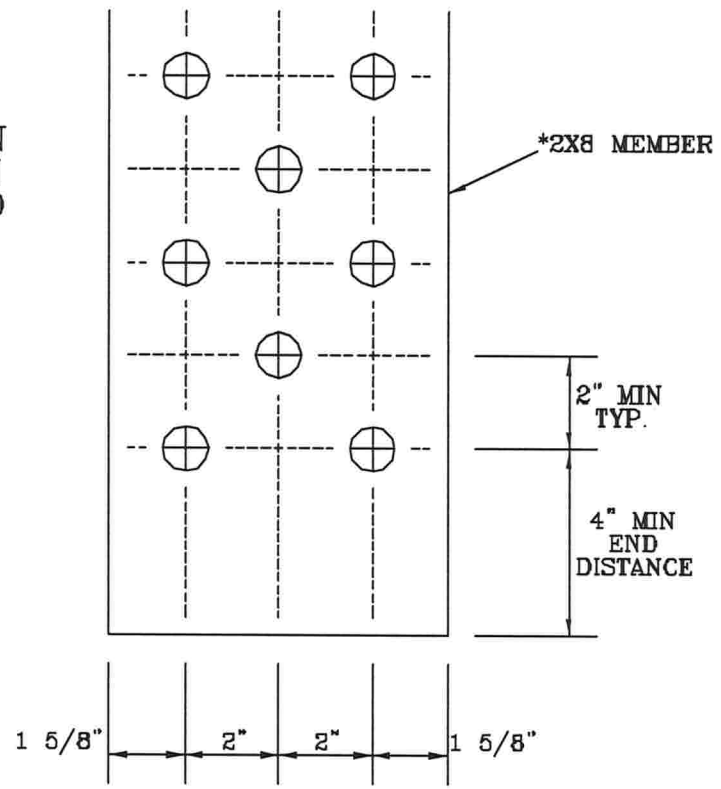
BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

TYPICAL LOCATION OF 1/2" DIAMETER THRU BOLTS. BOLT QUANTITIES AS NOTED ON SEALED DESIGN MUST BE APPLIED IN ONE OF THE PATTERNS SHOWN BELOW.

WASHERS REQUIRED UNDER BOLT HEAD AND NUT



2X6 DETAIL



2X8 DETAIL

THIS DRAWING REPLACES DRAWING A628.016

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

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1450 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

TC LL	PSF	REF	BOLT SPACING
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	CNBOLTSP1103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

TRULOX CONNECTION DETAIL

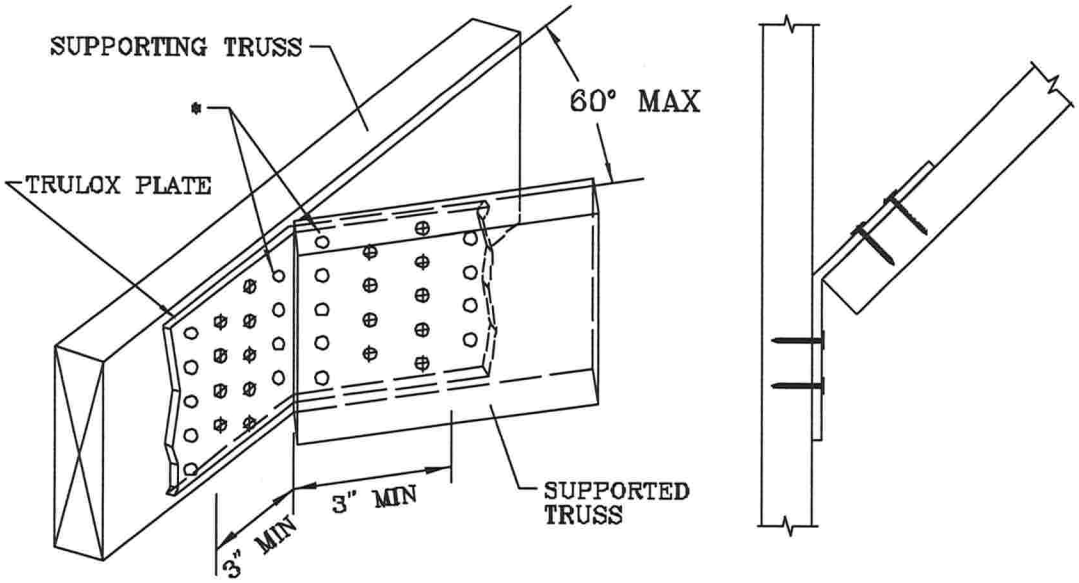
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (⊕).

* NAILS MAY BE OMITTED FROM THESE ROWS.

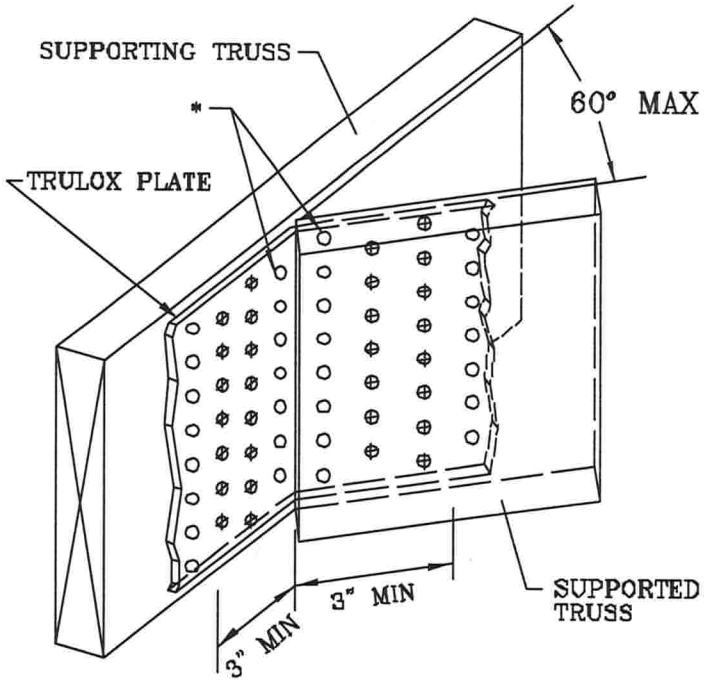
THIS DETAIL MAY BE USED WITH SO. PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.



MINIMUM 3X6 TRULOX PLATE



MINIMUM 5X6 TRULOX PLATE

TRULOX PLATE SIZE	REQUIRED NAILS PER TRUSS	MAXIMUM LOAD UP OR DOWN
3X6	9	350#
5X6	15	990#

REVIEWED
By julius lee at 11:58 am, Jun 11, 2008

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

THIS DRAWING REPLACES DRAWINGS 1,158,989 1,158,989/R 1,154,844 1,152,217 1,152,017 1,159,154 & 1,151,524

"WARNING" TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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CONS. ENGINEERS P.A.
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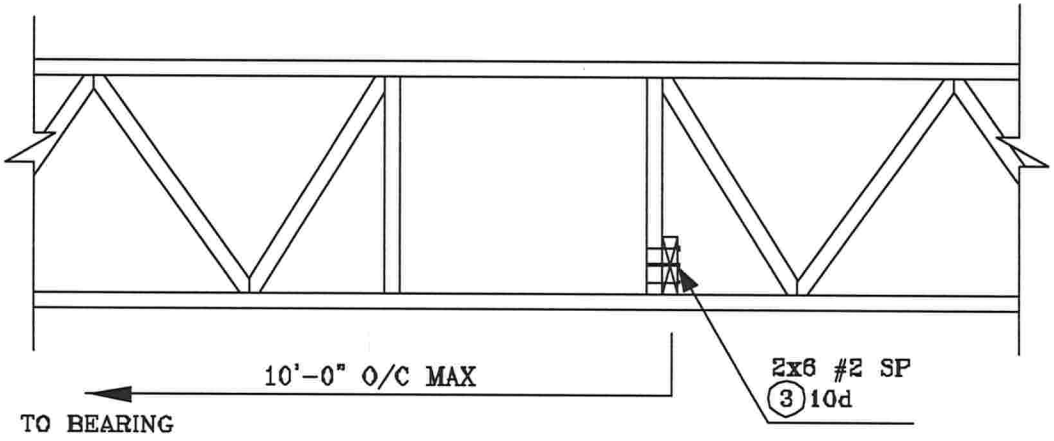
DELRAY BEACH, FL. 33444-2161

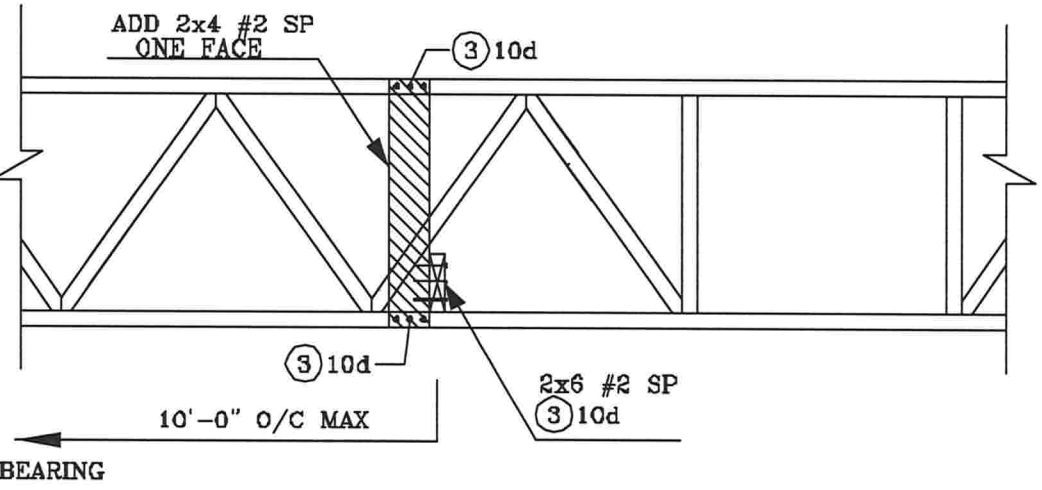
No: 34869
STATE OF FLORIDA

REF	TRULOX
DATE	11/26/03
DRWG	CNTRULOX1103
-ENG	JL

STRONG BACK DETAIL
SYSTEM–42 OR FLAT TRUSS



ALTERNATE DETAIL FOR
STRONG BACK WITH VERTICAL
NOT LINING UP



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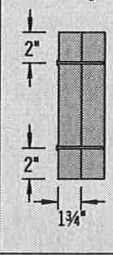
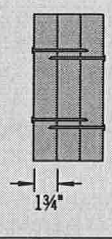
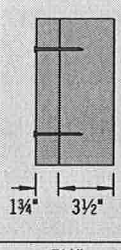
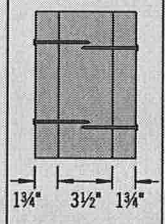
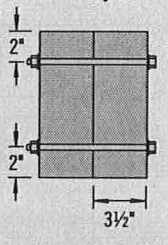
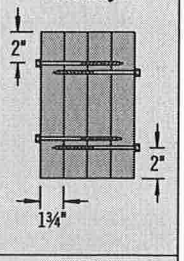
1456 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

MULTIPLE-MEMBER CONNECTIONS FOR SIDE-LOADED BEAMS

Maximum Uniform Load Applied to Either Outside Member (PLF)

Connector Type	Number of Rows	Connector On-Center Spacing	Connector Pattern					
			Assembly A 	Assembly B 	Assembly C 	Assembly D 	Assembly E 	Assembly F 
			3½" 2-ply	5¼" 3-ply	5¼" 2-ply	7" 3-ply	7" 2-ply	7" 4-ply
10d (0.128" x 3") Nail[1]	2	12"	370	***280***	280	***245***		
	3	12"	555	***415***	415	***370***		
½" A307 Through Bolts[2][4]	2	24"	505	380	520	465	860	340
		19.2"	635	475	655	580	1,075	425
		16"	760	570	785	695	1,290	505
SDS ¼" x 3½"[4]	2	24"	680	***510***	510	***455***		
		19.2"	850	***640***	640	***565***		
		16"	1,020	***765***	765	***680***		
SDS ¼" x 6"[3][4]	2	24"				***455***	***465***	***455***
		19.2"				***565***	***580***	***565***
		16"				***680***	***695***	***680***
USP WS35 [4]	2	24"	480	***360***	360	***320***		
		19.2"	600	***450***	450	***400***		
		16"	715	***540***	540	***480***		
USP WS6 [3][4]	2	24"				***350***	***525***	***350***
		19.2"				***440***	***660***	***440***
		16"				***525***	***790***	***525***
3⅜" TrussLok[4]	2	24"	635	***475***	475	***425***		
		19.2"	795	***595***	595	***530***		
		16"	955	***715***	715	***635***		
5" TrussLok[4]	2	24"		***500***	500	***445***	***480***	***445***
		19.2"		***625***	625	***555***	***600***	***555***
		16"		***750***	750	***665***	***725***	***665***
6¾" TrussLok[4]	2	24"				445	620	445
		19.2"				555	770	555
		16"				665	925	665

(1) Nailed connection values may be doubled for 6" on-center or tripled for 4" on-center nail spacing.

(2) Washers required. Bolt holes to be 9⁄16" maximum.

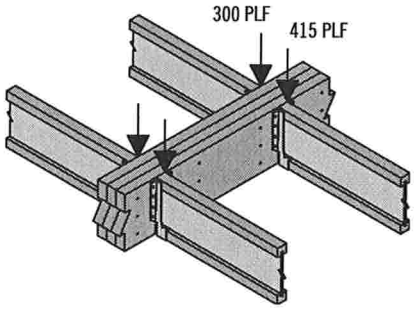
(3) 6" SDS or WS screws can be used with Parallam® PSL and Microllam® LVL, but are not recommended for TimberStrand® LSL.

(4) 24" on-center bolted and screwed connection values may be doubled for 12" on-center spacing.

General Notes

- Connections are based on NDS® 2005 or manufacturer's code report.
- Use specific gravity of 0.5 when designing lateral connections.
- Values listed are for 100% stress level. Increase 15% for snow-loaded roof conditions or 25% for non-snow roof conditions, where code allows.
- ***Bold Italic*** cells indicate **Connector Pattern** must be installed on both sides. Stagger fasteners on opposite side of beam by ½ the required **Connector Spacing**.
- Verify adequacy of beam in allowable load tables on pages 16–33.
- 7" wide beams should be side-loaded only when loads are applied to both sides of the members (to minimize rotation).
- Minimum end distance for bolts and screws is 6".
- Beams wider than 7" require special consideration by the design professional.

Uniform Load Design Example

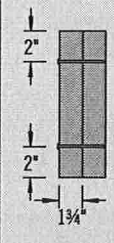
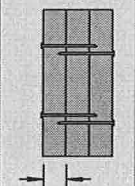
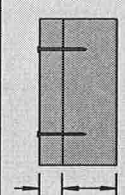
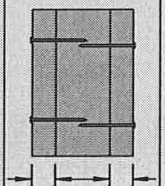
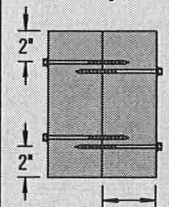
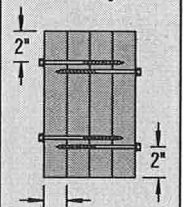


First, check the allowable load tables on pages 16–33 to verify that three pieces can carry the total load of 715 plf with proper live load deflection criteria. Maximum load applied to either outside member is 415 plf. For a 3-ply 1¾" assembly, two rows of 10d (0.128" x 3") nails at 12" on-center is good for only 280 plf. Therefore, use three rows of 10d (0.128" x 3") nails at 12" on-center (good for 415 plf).

Alternates:
Two rows of ½" bolts or SDS ¼" x 3½" screws at 19.2" on-center.

MULTIPLE-MEMBER CONNECTIONS FOR SIDE-LOADED BEAMS

Point Load—Maximum Point Load Applied to Either Outside Member (lbs)

Connector Type	Number of Connectors	Connector Pattern: Assembly A	Assembly B	Assembly C	Assembly D	Assembly E	Assembly F
							
		3½" 2-ply	5¼" 3-ply	5¼" 2-ply	7" 3-ply	7" 2-ply	7" 4-ply
10d (0.128" x 3") Nail	6	1,110	*835*	835	*740*		
	12	2,225	*1,670*	1,670	*1,485*		
	18	3,335	*2,505*	2,505	*2,225*		
	24	4,450	*3,335*	3,335	*2,965*		
SDS Screws ¼" x 3½" or WS35 ¼" x 6" or WS6(1)	4	1,915	1,435(4)	1,435	*1,275*	*1,860(2)*	*1,405(2)*
	6	2,870	2,150 (4)	2,150	*1,915*	*2,785(2)*	*2,110(2)*
	8	3,825	2,870 (4)	2,870	*2,550*	*3,715(2)*	*2,810(2)*
3⅜" or 5" TrussLok™	4	2,545	1,910 (4)	1,910	*1,695*	*1,925(3)*	*1,775(3)*
	6	3,815	2,860 (4)	2,860	*2,545*	*2,890(3)*	*2,665(3)*
	8	5,090	3,815 (4)	3,815	*3,390*	*3,855(3)*	*3,550(3)*

(1) 6" SDS or WS screws can be used with Parallam® PSL and Microllam® LVL, but are not recommended for TimberStrand® LSL.

See General Notes on page 38

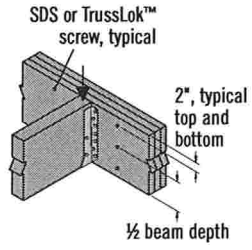
(2) 6" long screws required.

(3) 5" long screws required.

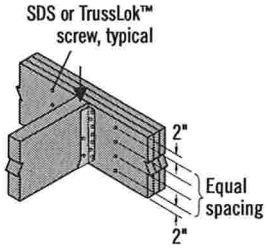
(4) 3½" and 3⅝" long screws must be installed on both sides.

Connections

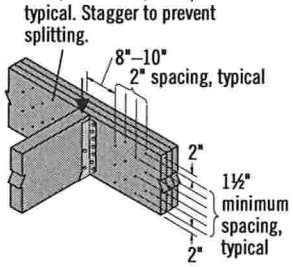
4 or 6 or Screw Connection



8 Screw Connection

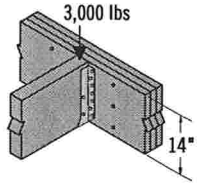


Nail Connection



There must be an equal number of nails on each side of the connection

Point Load Design Example



First, verify that a 3-ply 1¾" x 14" beam is capable of supporting the 3,000 lb point load as well as all other loads applied. The 3,000 lb point load is being transferred to the beam with a face mount hanger. For a 3-ply 1¾" assembly, eight 3⅜" TrussLok™ screws are good for 3,815 lbs with a face mount hanger.

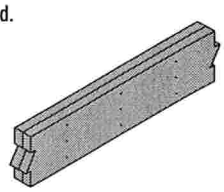
MULTIPLE-MEMBER CONNECTIONS FOR TOP-LOADED BEAMS

1¾" Wide Pieces

- Minimum of three rows of 10d (0.128" x 3") nails at 12" on-center.
- Minimum of four rows of 10d (0.128" x 3") nails at 12" on-center for 14" or deeper.
- If using 12d–16d (0.148"–0.162" diameter) nails, the number of nailing rows may be reduced by one.
- Minimum of two rows of SDS, WS, or TrussLok™ screws at 16" on-center. Use 3⅜" minimum length with two or three plies; 5" minimum for 4-ply members. 6" SDS and WS screws are not recommended for use with TimberStrand® LSL. For 3- or 4-ply members, connectors must be installed on both sides. Stagger fasteners on opposite side of beam by ½ of the required connector spacing.
- Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams.

3½" Wide Pieces

- Minimum of two rows of SDS, WS, or TrussLok™ screws, 5" minimum length, at 16" on-center. 6" SDS and WS screws are not recommended for use with TimberStrand® LSL. Connectors must be installed on both sides. Stagger fasteners on opposite side of beam by ½ of the required connector spacing.
- Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams.
- Minimum of two rows of ½" bolts at 24" on-center staggered.



Multiple pieces can be nailed or bolted together to form a header or beam of the required size, up to a maximum width of 7"

L6

ATTN: WEEGIE

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000001729

DATE: 05/04/2009 BUILDING PERMIT NO. 27790

APPLICANT B. TRENT GIEBEIG PHONE 386.397.0545

ADDRESS 697 SE HOLLY TERRACE LAKE CITY FL 32025

OWNER ALECIA L. CROFT PHONE 386.623.0276

ADDRESS 601 SW BRODERICK DRIVE LAKE CITY FL 32025

CONTRACTOR B. TRENT GIEBEIG PHONE 386.397.0545

LOCATION OF PROPERTY 47-S TO BRODERICK,TR 2ND FROM END ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT SADDLE OF THE SOUTH ESTATES 9

PARCEL ID # 18-4S-17-08466-109

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: ✓ B. Trent Giebeig

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

____ APPROVED ✓ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: Terrell Teagle DATE: 5/13/09

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

RECEIVED
MAY 08 2009
By _____

COLUMBIA COUNTY · GATEWAY TO FLORIDA

ubterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

...y the licensed Pest Control Company.

...ing burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, ...ing existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

27790

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.

Company Address: P.O. Box 1795 City Lake City State FL Zip 32056

Company Business License No. JB109476 Company Phone No. 386-755-3611 • 352-494-5751

FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Trent Gieberg Const. Company Phone No. 397-0545

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Alecia Croft
601 SW Broderick Dr.
Lake City, FL 32024

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other

Approximate Depth of Footing: Outside 1' Inside 2' Type of Fill Sand

Section 4: Treatment Information

Date(s) of Treatment(s) 5/13/09

Brand Name of Product(s) Used Termidor

EPA Registration No. 2969-210

Approximate Final Mix Solution % .06%

Approximate Size of Treatment Area: Sq. ft. 2830 Linear ft. 254 Linear ft. of Masonry Voids 240

Approximate Total Gallons of Solution Applied 588 gals.

Was treatment completed on exterior? ☐ Yes ☒ No

Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List)

Comments

Name of Applicator(s) S. Gregory Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [signature] Date 5/13/09

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.
Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise. # 27790

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: P.O. Box 1795 City Lake City State FL Zip 32056
Company Business License No. JB109478 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Edgley Construction Company Phone No. 752-0580

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Kenneth Stapleton
Ichetucknee Meadows S/D 335 SE Freedom Ct.
Lot # 19 Ft. White, FL 32038
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 1' Inside 1' Type of Fill Sand

Section 4: Treatment Information

Date(s) of Treatment(s) 6/4/09
Brand Name of Product(s) Used Bifen XTS
EPA Registration No. 53883-189
Approximate Final Mix Solution % .6%
Approximate Size of Treatment Area: Sq. ft. 2751 Linear ft. 291 Linear ft. of Masonry Voids 275
Approximate Total Gallons of Solution Applied 450 gals.
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List)
Comments

Name of Applicator(s) C. Lacey Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature Date 6/4/09

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 18-4S-17-08466-109 **Building permit No.** 000027790

Use Classification SFD/UTILITY **Fire:** 23.17

Permit Holder B. TRENT GIEBEIG **Waste:** 0.00

Owner of Building ALECIA L. CROFT **Total:** 23.17

Location: 601 SW BRODERICK DRIVE, LAKE CITY, FL

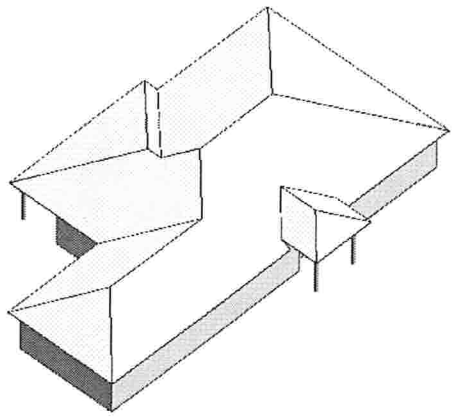
Date: 09/21/2009

Wayne A. Russ

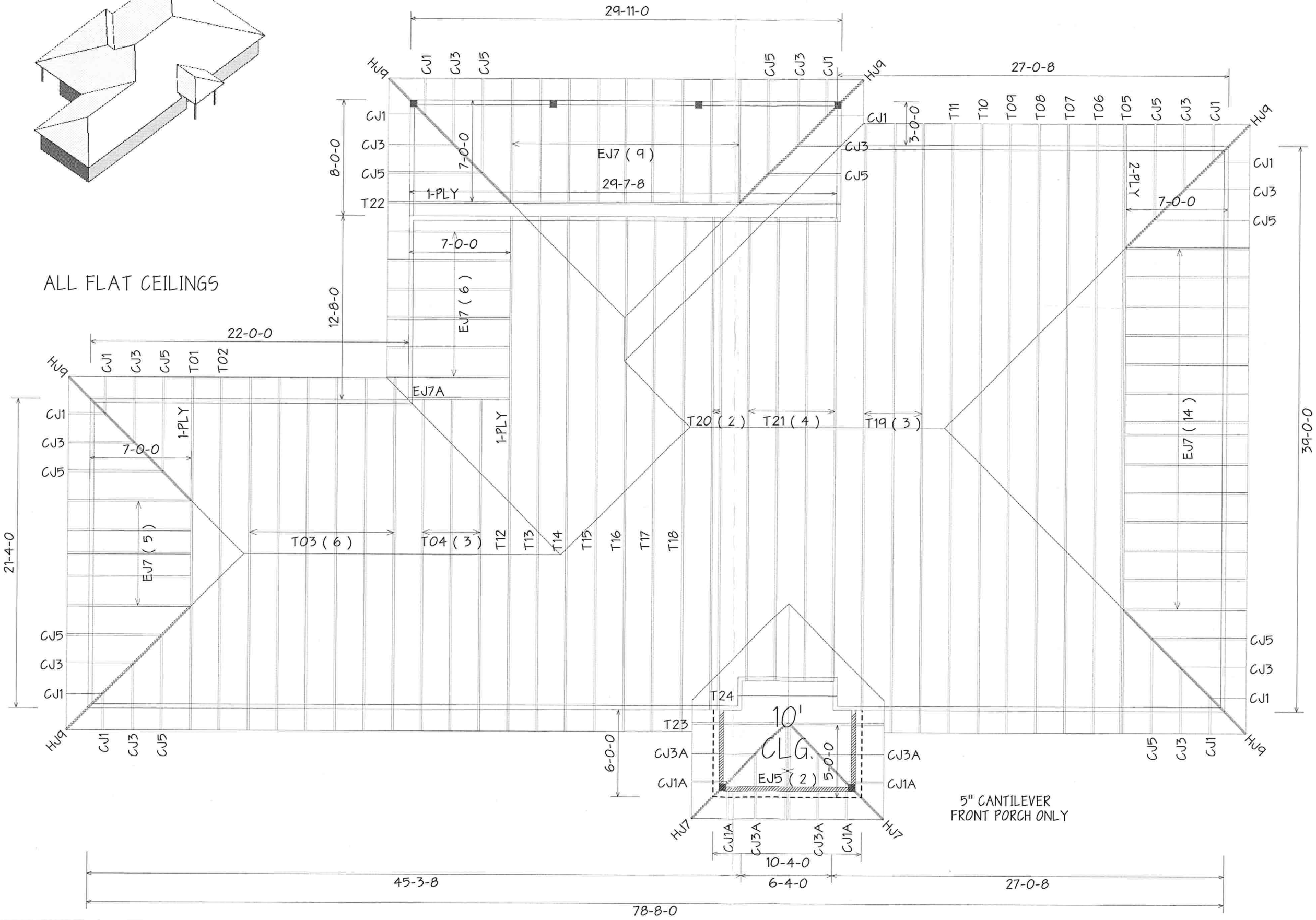
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

5.5/12 PITCH - 1'-6" O/H



ALL FLAT CEILINGS



5" CANTILEVER
FRONT PORCH ONLY

BEARING HEIGHT SCHEDULE

- 9'-1 1/8"
- 10'-1 1/8"

NOTES:

1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.
2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V109 FOR ALTERNATE BRACING REQUIREMENTS.
3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
4) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
6) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HTU26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA422 UNLESS OTHERWISE NOTED.
8) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Requested Delivery Date _____

Approved by: _____ Date: _____

Builders FirstSource

Bunnell
PHONE: 904-437-3349 FAX: 904-437-3994

Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973

Lake City
PHONE: 386-755-6894 FAX: 386-755-7973

Sanford
PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER: GIEBEIG HOMES

LEGAL ADDRESS: CROFT RES.

MODEL: CUSTOM		REVISION:
		SCALE: NTS
DATE: 4-3-09	DRAWN BY: K.L.H.	JOB #: 302306

CROFT RESIDENCE

PLANS

COLUMBIA COUNTY, FL

601 SW BRODERICK, LAKE CITY, FL 32025

Plan Sheet Index:

Sheet No.	Description
1	title/index sheet
2	floor plan
3	front & right elevations
4	rear & left elevations
5	wall typical/ strapping requirements
6	special details
7	roof plan/window and door sizes
8	foundation plan
9	electrical plan

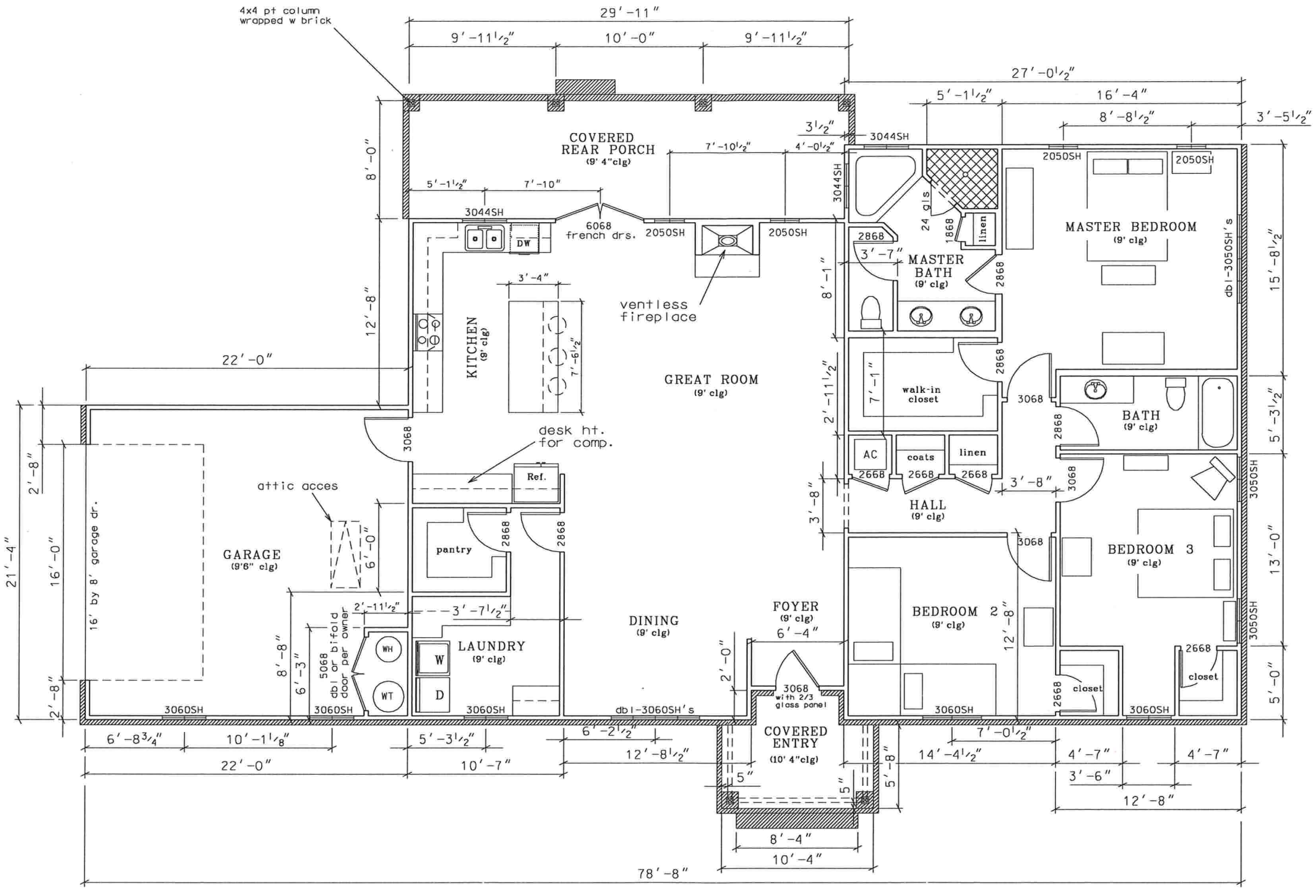
COLUMBIA COUNTY BUILDING DEPARTMENT Received for FILE COPY Code Compliance PLANS EXAMINER

COLUMBIA COUNTY BUILDING DEPARTMENT Received for FILE COPY Code Compliance PLANS EXAMINER

Marty J. Humphries
4-2-09

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

CROFT RESIDENCE PLANS
COLUMBIA COUNTY, FL



FLOOR PLAN

0 4' 8'
scale

LIVING AREA - 2044 sq. ft.
GARAGE - 474 sq. ft.
PORCHES - 312 sq. ft.
TOTAL UNDER ROOF - 2830 sq. ft.

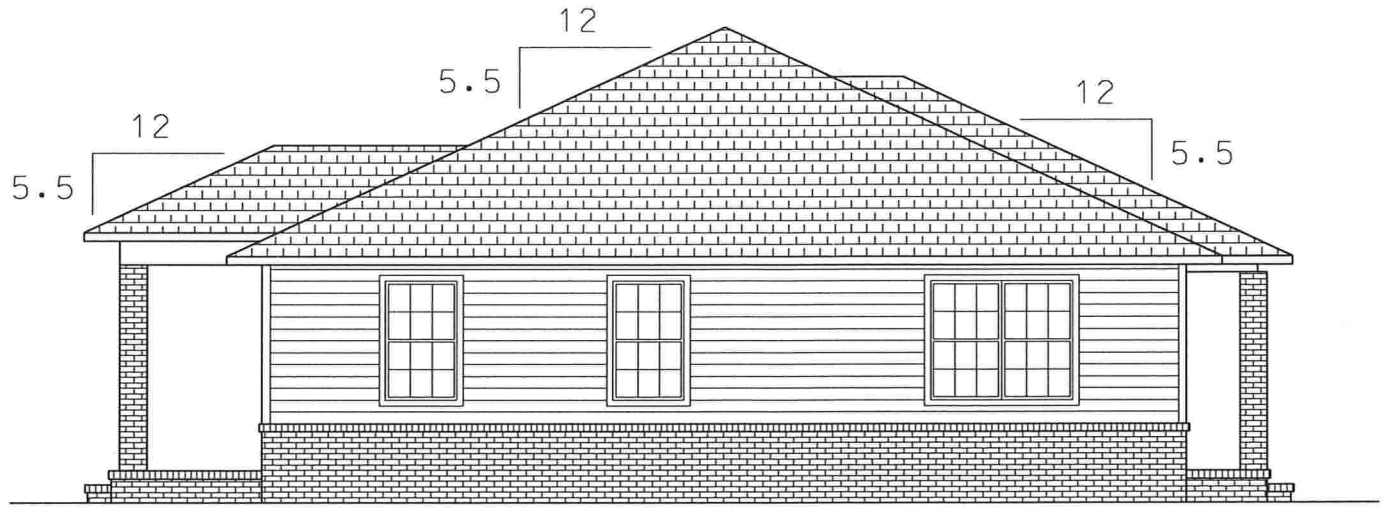
▨ BRICK KNEE WALL, STEPS & BRICKED COLUMNS

Marty J. Humphries
4-2-09

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

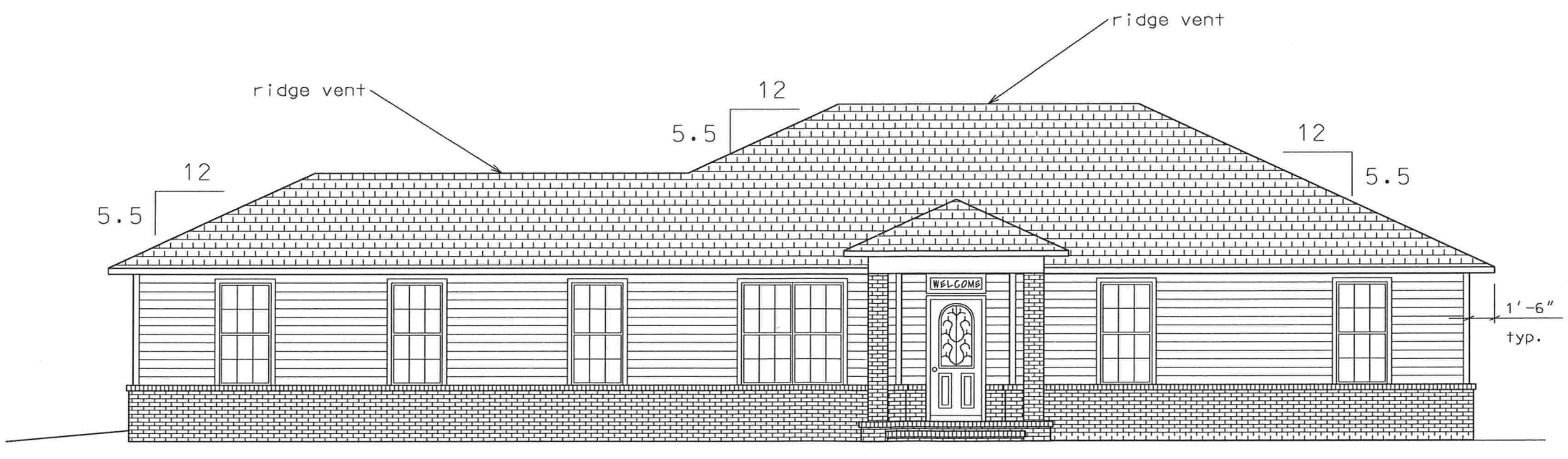
CROFT RESIDENCE PLANS
COLUMBIA COUNTY, FL

SHEET 2 OF 9



RIGHT ELEVATION

0 4' 8'
scale



FRONT ELEVATION

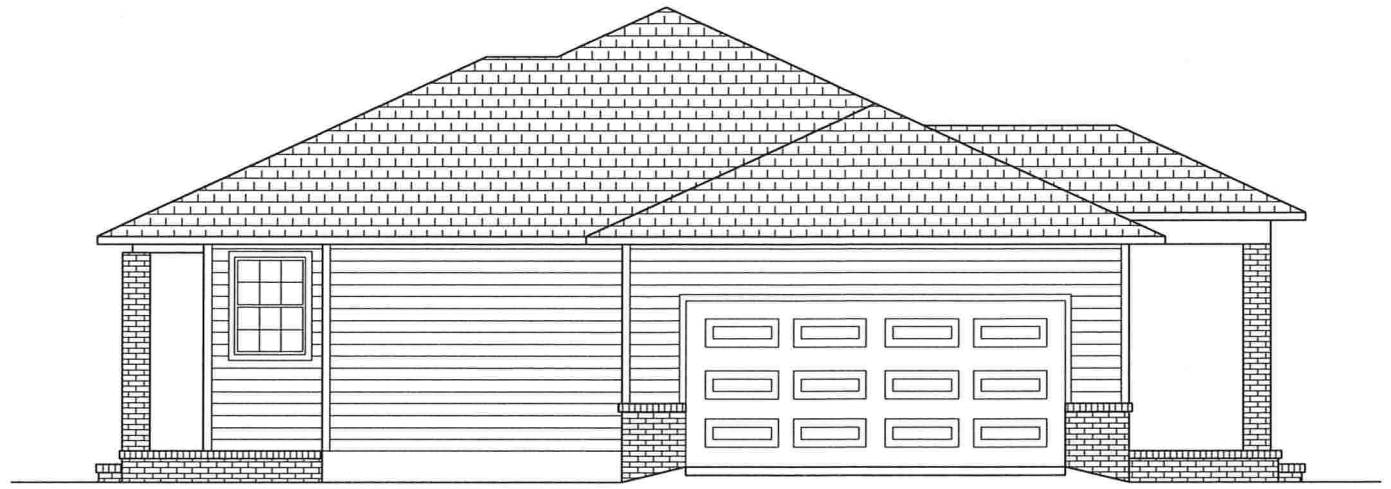
0 4' 8'
scale

Marty J. Humphries
4-2-09

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

CROFT RESIDENCE · PLANS

COLUMBIA COUNTY, FL



LEFT ELEVATION

0 4' 8'
scale

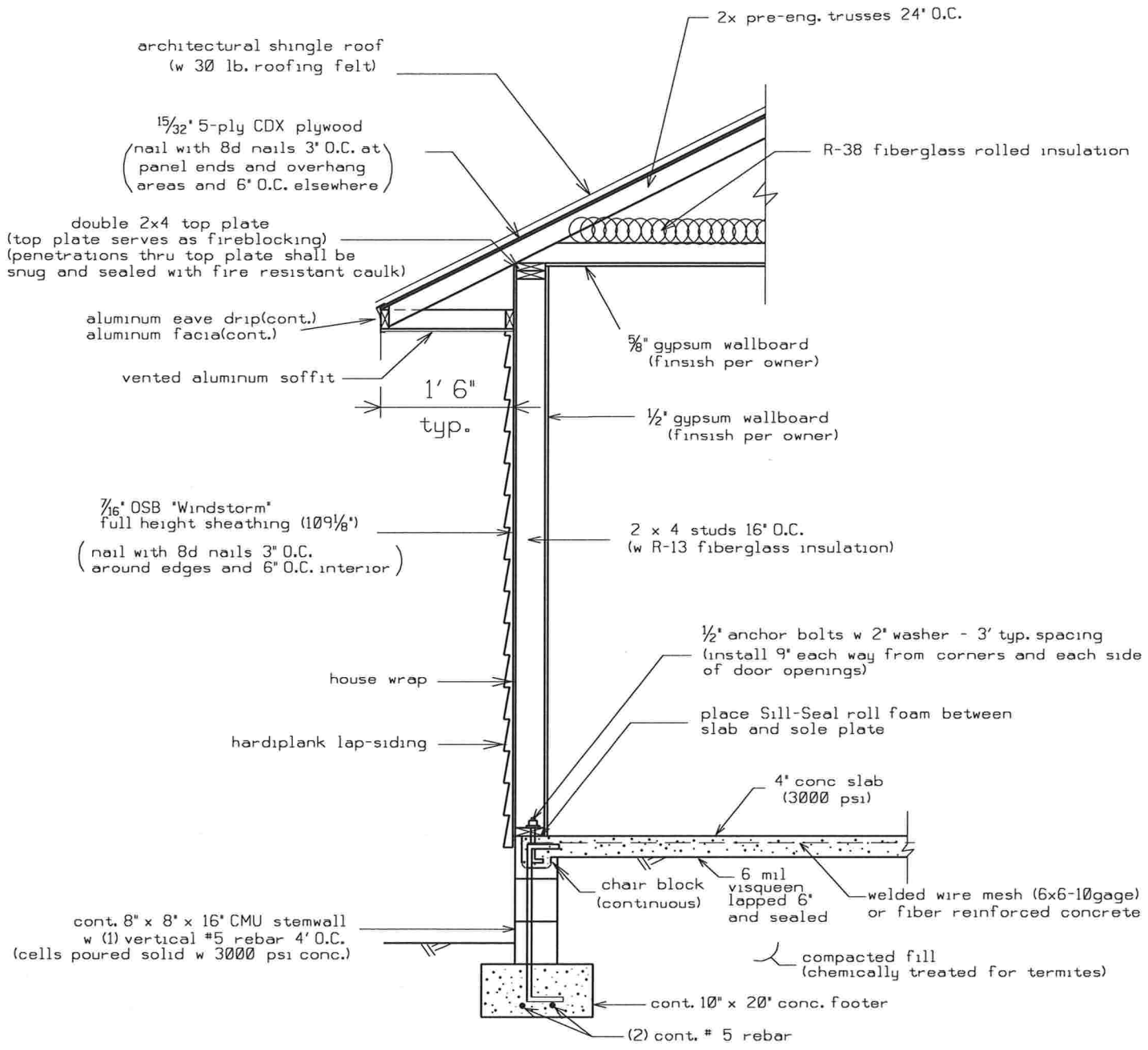
REAR ELEVATION

0 4' 8'
scale

Marty J. Humphries
4-2-09

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

CROFT RESIDENCE PLANS
COLUMBIA COUNTY, FL



DETAIL A - WALL TYPICAL(N.T.S.)

HEADER SIZES/MATERIAL SHALL BE AS FOLLOWS:

WINDOWS & DOORS: 2-#2 SYP 2x12's with ½" OSB or Playood between (nail with 1-12d nail 10" O.C. top and bottom)

PORCH BEAMS SHALL BE: 2 - #2 SYP 2X10's with ½" plywood or OSB between.
(nail with 1-12d nail 10" O.C. top and bottom)

GARAGE DOOR BEAM SHALL BE: 1 - 3.5" X 14" LVL BEAM (Louisiana Pacific 3.5" x 14"
Gang Lam 2250 Fb 1.5E or an equivalent capacity beam)

JACK AND KING(FULL) STUD REQURIEMENTS AT OPENINGS:

FOR 3' OR SMALLER WINDOW & DOOR OPENINGS: INSTALL 1 JACK STUD AND 1 KING STUD EACH END OF THE HEADER

FOR WINDOWS & DOORS >3': INSTALL 2 JACK STUDS AND 2 KING STUDS EACH END OF THE HEADER

FOR GARAGE DOOR OPENING: INSTALL 3 JACK STUDS AND 3 KING STUDS EACH END OF THE HEADER

STRAPPING AND ANCHOR REQUIREMENTS

(Designed In accordance with the 2007 FBC):

WINDLOAD DATA AND EXPOSURE:

Basic Wind Speed = 100 mph
Importance Factor = 1.0
Exposure Category = B
Residential Occupancy = Group R3
Mean Roof Height = 16'
Height and Exposure Adjustment Coefficient = 1.0
Roof Cross Slope = 5.5:12
Wall Height = 9'
Analysis Method = ASCE 7-05 Simplified Procedure
Component and Cladding Pressures = Roof(Zone 1=10.4,-16.5, Zone 2=10.4,-28.7,
Zone 3=10.4,-42.4), Wall(Zone 4=18,-19.5, Zone 5=18,-24.1)(units are psf)

TRUSS ANCHORS:

At Truss to Exterior walls and Porch Beam Locations:
install one Simpson model H10 anchor for all single ply trusses greater than 10' in length.
For trussses 10' or less in length install one Simpson mdoel H2.5A anchor. For double
ply trusses install one Simpson model H10-2 anchor and one H2.5A anchor.

WALL STRAP TIES:

At top and bottom of wall install one Simpson model SP4 at each side of each door and window 4' or less in width. At top and bottom of wall for windows and doors larger than 4' in width install two Simpson model SP4's each side of openings. At each side of the Garage opening install three Simpson model SP4H's. In place of SP straps at each side of door and window openings install 1-1/2" allthread from anchor bolt to top of wall with 2" square washer and nut at top of wall and connected to the anchor bolt with one Simpson CNW1/2 coupler nut. All thread may be epoxied at base with 6" embedment and Simpson SET high strength epoxy.

SHEATHING:

Wall sheathing is full-height 'Windstorm' OSB sheathing and shall be installed with long dimension vertical on exterior and on the exterior of the wall between the garage and living area.

PORCH COLUMNS:

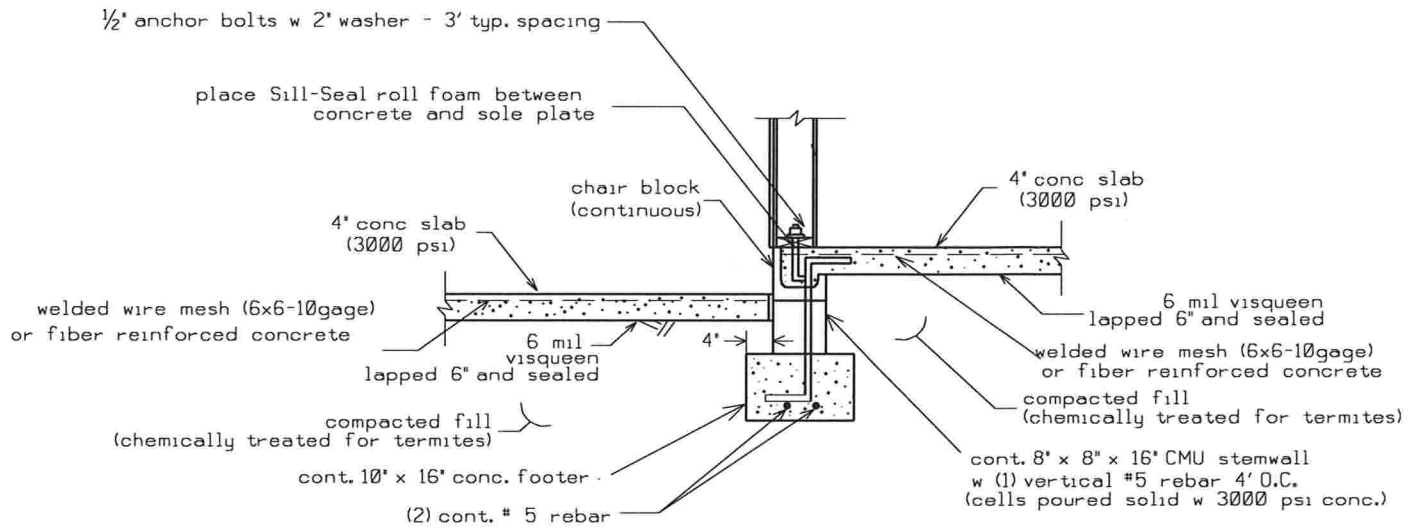
Install Simpson model ABU44 and Simpson model AC4Max
(AC4EMax may be used for end columns)

Equivalent capacity anchors may be substituted, installed in accordance with the manufacturers requirements.

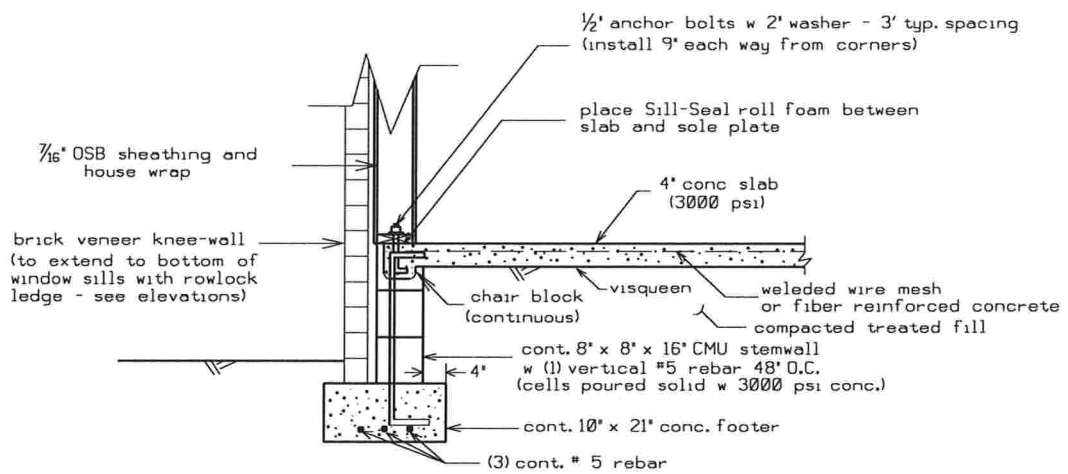
Marty J. Humphries
4-2-09

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

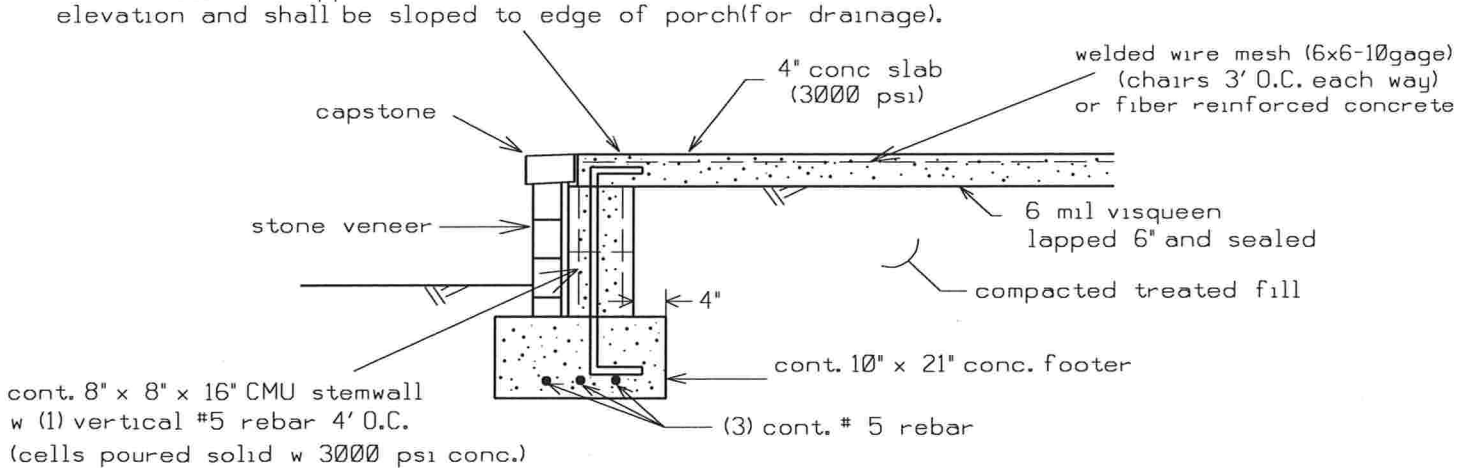
CROFT RESIDENCE PLANS
COLUMBIA COUNTY, FL



DETAIL "D"
INTERIOR GARAGE STEMWALL WITH FLOATING SLAB(N.T.S.)



DETAIL C
BRICK VENEER FOOTER DETAIL (N.T.S.)



DETAIL B
PORCH FOUNDATION DETAIL (N.T.S.)

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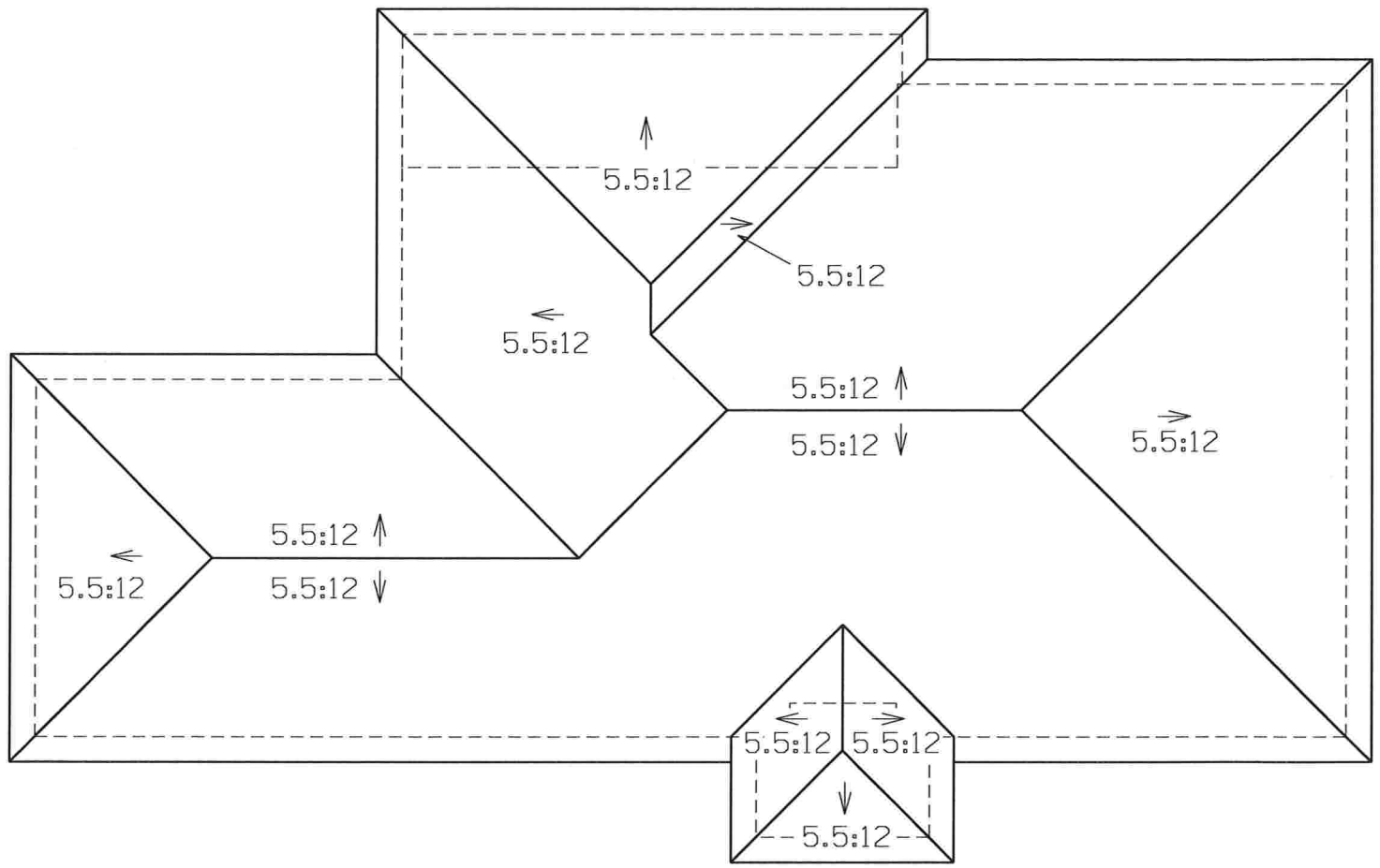

ROOF PLAN (N.T.S.)

4-2-09

WINDOWS	
SIZE	QUANTITY
2050SH	4
3044SH	3
3050SH	2
dbl-3050SH's	1
3060SH	5
dbl-3060SH's	1

EXTERIOR DOORS	
SIZE	QUANTITY
3068 w 2/3 glass pnl	1
3068	1
5068 double dr	1
6068 french dr	1
16080 garage dr	1

INTERIOR DOORS	
SIZE	QUANTITY
1868	1
24 glass shwr dr	1
2668	5
2868	6
3068	3

WINDOW AND DOOR SIZES

Rough-in dimensions vary per model/make of window/door. Verify actual rough-in dimensions prior to framing opening.

Windows shall be vinyl windows with double paned insulated, argon filled, Low E glass.

Interior entry doors for the Master Bedroom, Bathrooms and Laundry room shall be solid core doors.

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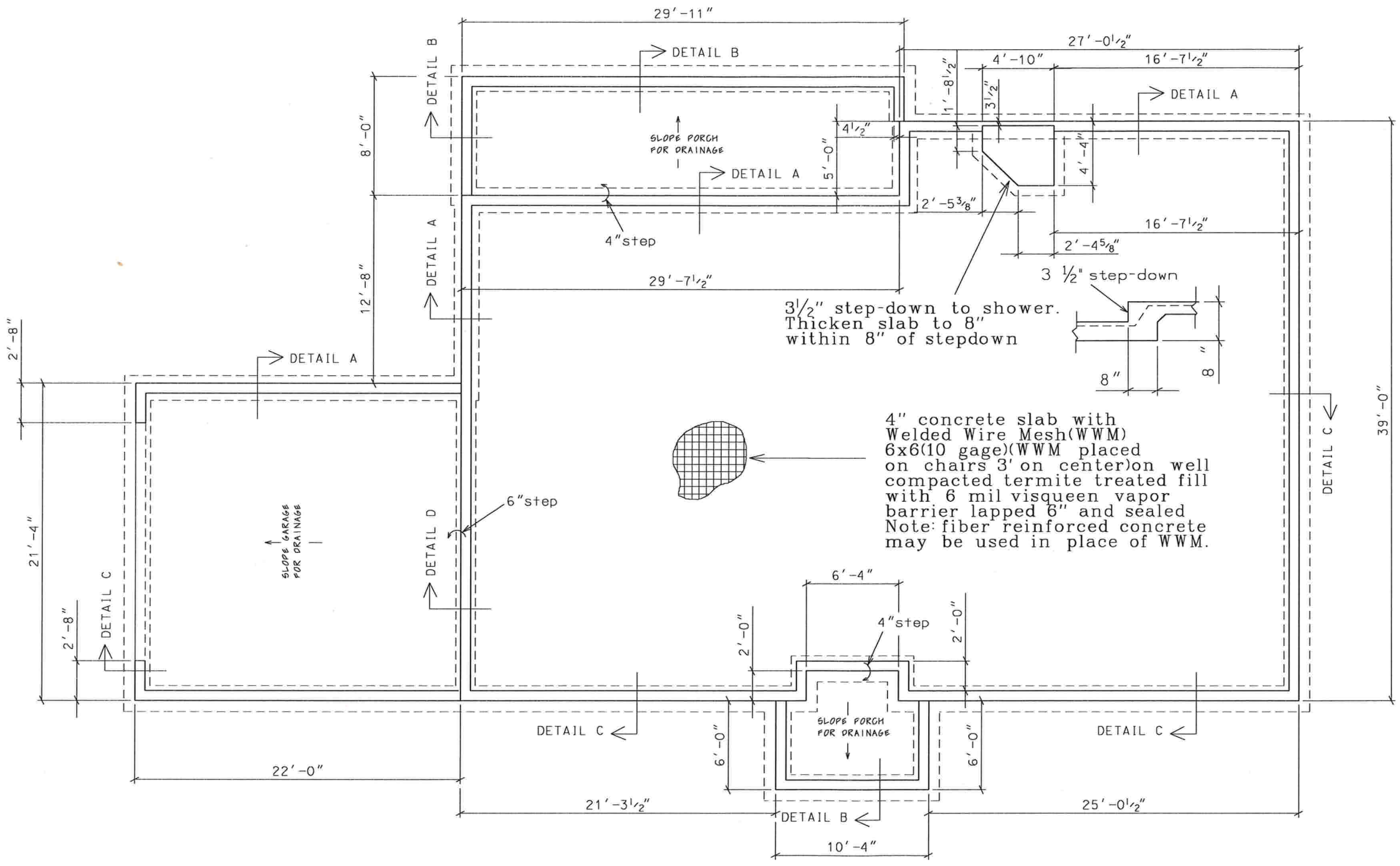

FOUNDATION PLAN

0 4' 8'
scale

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4-2-09

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CROFT RESIDENCE PLANS
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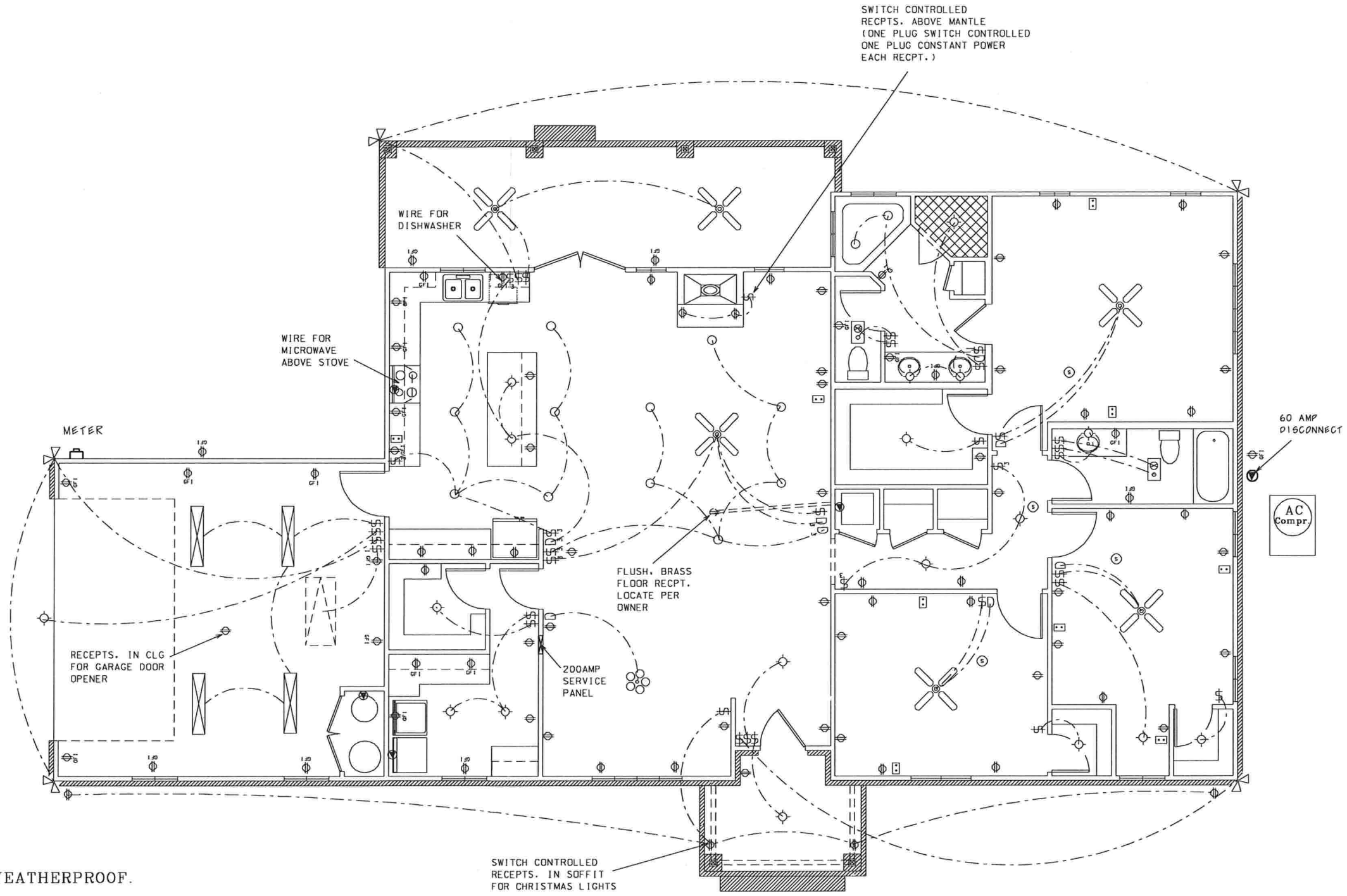
SHEET 8 OF 9

ELECTRICAL LEGEND

- CEILING FAN w LIGHTS
- LIGHT FIXTURE
- RECESSED CAN LIGHT FIXTURE
- $ - SINGLE POLE SWITCH
- $3 - THREE-WAY SWITCH
- $1 - SINGLE POLE ILLUMINATED SWITCH
- D - DIMMER SWITCH
- D3 - THREE-WAY DIMMER SWITCH
- RECEPT.
- GFI RECEPT OR PART OF A GFI CIRCUIT.
- SECURITY LIGHT
- EXHAUST WITH LIGHT
- 220 V.
- (S) - SMOKE DETECTOR (AC/DC and interconnected)
- TELEPHONE AND RG6 COAX



NOTES:

1.) ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF.

2.) ALL BEDROOM RECPTS SHALL BE PART OF AN AFCI CIRCUIT. EACH BEDROOM SHALL BE ON AN INDIVIDUAL AFC CIRCUIT.

3.) PLACE 4 LIGHTS IN HOME ATTIC AREA WITH ILLUMINATED SWITCH LOCATED IN THE GARAGE.

ELECTRICAL PLAN

0 4' 8'
scale

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